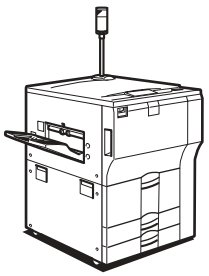
MLP175n
P7675
LP275hdn
Aficio™ SP 9100DN

Operating Instructions

Hardware Guide



1 Guide to the Printer
2 Setting Up
3 Connecting the Printer
4 Configuration
5 Installing the Printer Driver
6 Paper and Other Media
7 Replacing Consumables
8 Cleaning and Adjusting the Printer
9 Troubleshooting
10 Removing Misfed Paper
11 Appendix

Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read the Safety Information before using the machine.

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The proper names of the Windows operating systems are as follows:

* The product name of Windows® 95 is MicrosoftR Windows® 95.
* The product name of Windows® 98 is MicrosoftR Windows® 98.
* The product name of Windows® Me is MicrosoftR Windows® Millennium Edition (Windows Me).
* The product names of Windows® 2000 are as follows:
  Microsoft® Windows® 2000 Professional
  Microsoft® Windows® 2000 Server
  Microsoft® Windows® 2000 Advanced Server
* The product names of Windows® XP are as follows:
  Microsoft® Windows® XP Home Edition
  Microsoft® Windows® XP Professional
* The product names of Windows Server™ 2003 are as follows:
  Microsoft® Windows Server™ 2003 Standard Edition
  Microsoft® Windows Server™ 2003 Enterprise Edition
  Microsoft® Windows Server™ 2003 Web Edition
* The product names of Windows NT® 4.0 are as follows:
  Microsoft® Windows NT® Workstation 4.0
  Microsoft® Windows NT® Server 4.0

Some illustrations in this manual might be slightly different from the machine.

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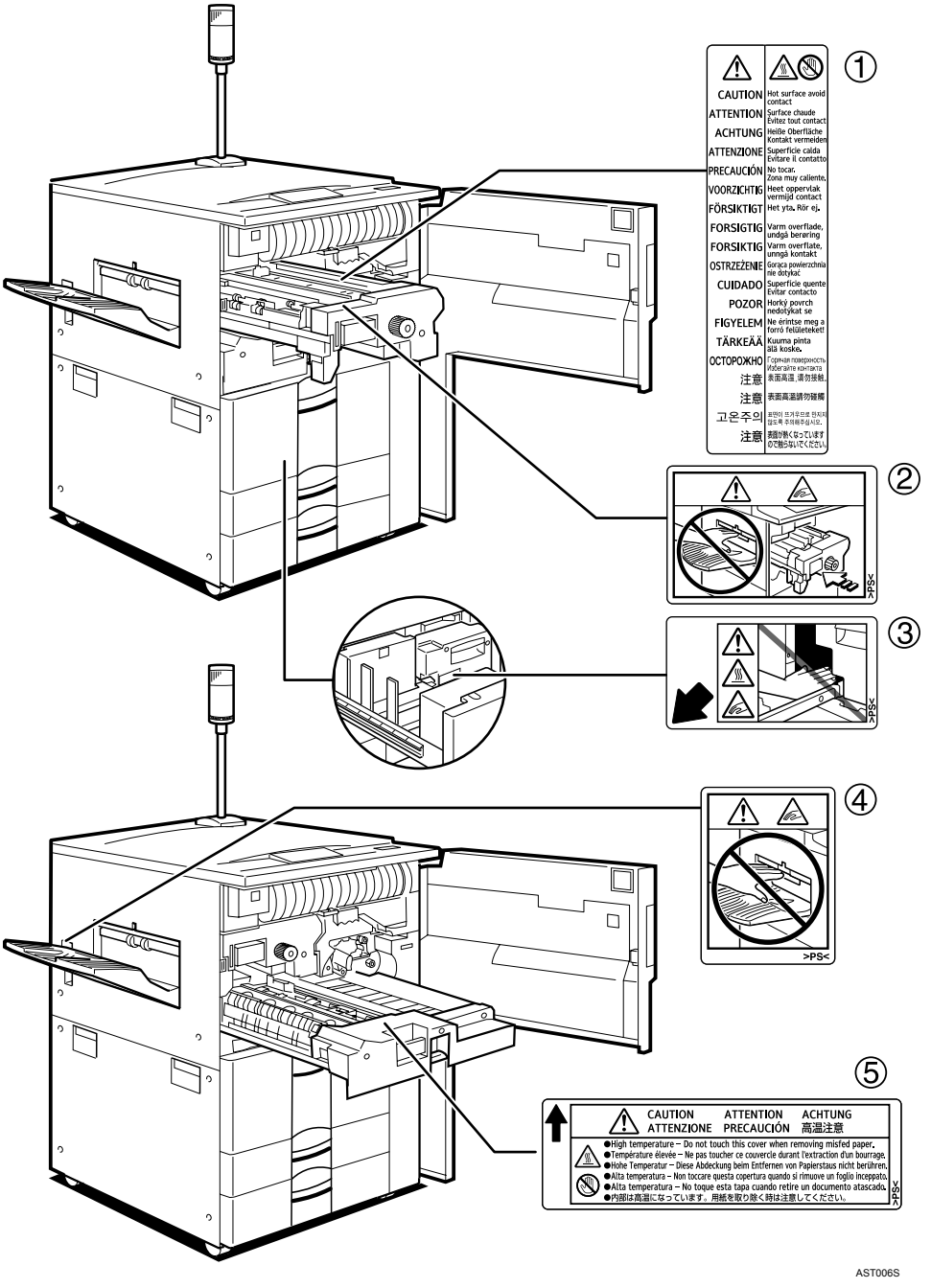
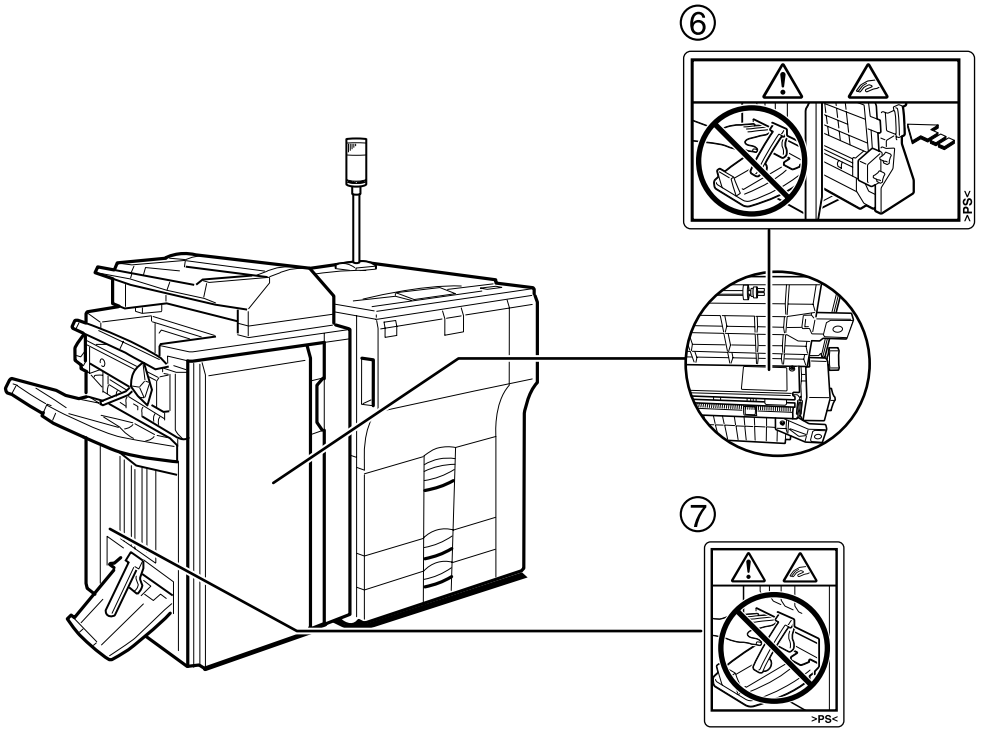
Positions of WARNING and CAUTION labels

This machine has labels for ⚠WARNING and ⚠CAUTION at the positions shown below. For safety, please follow the instructions and handle the machine as indicated.


①
CAUTION Hot surface avoid contact
ATTENTION Surface chaude Evitez tout contact
ACHTUNG Heiße Oberfläche Kontakt vermeiden
ATTENZIONE Superficie calda Evitare il contatto
PRECAUCIÓN No tocar. Zona muy caliente.
VOORZICHTIG Heet oppervlak vermijd contact
FÖRSIKTIGT Het yta. Rör ej.
FORSIGTIG Varm overflade, undgå berøring
FORSIKTIG Varm overflate, unngå kontakt
OSTRZEŻENIE Gorąca powierzchnia nie dotykać
CUIDADO Superficie quente Evitar contacto
POZOR Horký povrch nedotýkat se
FIGYELEM Ne érintse meg a forró felületeket!
TÄRKEÄÄ Kuuma pinta älä koske.
ОСТОРОЖНО Горячая поверхность Избегайте контакта
注意 表面高温,请勿接触。
注意 表面高溫請勿碰觸
고온주의 표면이 뜨거우므로 만지지 않도록 주의하십시오.
注意 表面が熱くなっています 手で触らないでください。
②
③
④
⑤
CAUTION ATTENTION ACHTUNG
ATTENZIONE PRECAUCIÓN 高温注意
●High temperature – Do not touch this cover when removing misfed paper.
●Température élevée – Ne pas toucher ce couvercle durant l'extraction d'un bourrage.
●Hohe Temperatur – Diese Abdeckung beim Entfernen von Papierstaus nicht berühren.
●Alta temperatura – Non toccare questa copertura quando si rimuove un foglio inceppato.
●Alta temperatura – No toque esta tapa cuando retire un documento atascado.
●内部は高温になっています。用紙を取り除く時は注意してください。
>PS<
AST006S



AST007S

1. The inside of this printer becomes very hot. Do not touch parts with this label (indicating a hot surface). Touching these parts will result in burns.
2. Do not touch this section of the machine. It could cause injury.
3. Do not touch this section of the machine. It could cause injury.
4. Do not touch this section of the machine. It could cause injury.
5. High temperature - Do not touch this cover when removing misfed paper.
6. Do not touch the paper exit section of the finisher. It could cause injury.
7. Do not touch the paper exit section of the finisher. It could cause injury.

Manuals for This Printer

For particular functions, see the relevant parts of the manual.

Safety Information

Provides information on safe usage of this machine.

To avoid injury and prevent damage to the machine, be sure to read this.

Hardware Guide (This manual)

Contains information about paper and procedures such as installing options, replacing consumables, responding to error messages, and resolving jams.

Software Guide (HTML)

Contains procedures for using this machine in a network environment, utilizing the software, and using security functions.

Note to Administrator

Contains administrators' notes, such as information about administrators' hidden menus and hard disk overwrite functions.

Administrators must store this manual carefully.

How to Read This Manual

Symbols

The following set of symbols is used in this manual.

⚠WARNING

This symbol indicates a potentially hazardous situation that might result in death or serious injury when you misuse the machine without following the instructions under this symbol. Be sure to read the instructions, all of which are described in the Safety Information section.

⚠CAUTION

This symbol indicates a potentially hazardous situation that might result in minor or moderate injury or property damage that does not involve personal injury when you misuse the machine without following the instructions under this symbol. Be sure to read the instructions, all of which are described in the Safety Information section.

*The statements above are notes for your safety.

Important

If this instruction is not followed, paper might be misfed, originals might be damaged, or data might be lost. Be sure to read this.

Note

This symbol indicates precautions for operation, or actions to take after abnormal operation.

Reference

This symbol indicates a reference.

[ ]

Keys that appear on the machine's display.

Keys and buttons that appear on the computer's display.

[ ]

Keys built into the machine's control panel.

Keys on the computer's keyboard.

Names of Major Options

Major options of this machine are referred to as follows in this manual:

- [Large Capacity Tray] → [LCT]
- [3000 sheet 100 sheet staple Finisher] → Finisher SR841

- [Booklet Finisher] → Finisher SR4000

Description for the Specified Model

In this manual, the following items explain about the printer for the specified models:

220-240V

This explains about the 220 - 240 V model printer.

Read if you purchase this model.

120V

This explains about the 120 V model printer.

Read if you purchase this model.

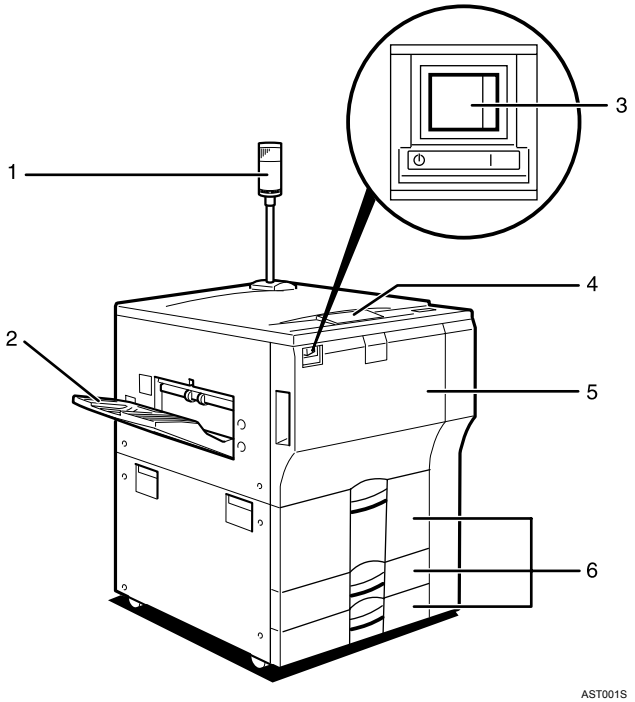
Note

- You can identify the printer's model by checking the label on its inside as shown.

AST162S

1. Guide to the Printer

Exterior: Front View



1. **Call- light**

   Notifies you of errors during printing, such as paper jam and out of paper.

2. **External Tray (optional)**

   Printed paper is delivered here.

3. **Power Switch**

   Switches the power of the printer to On or Stand by mode.

4. **Control Panel**

   Contains keys for the printer operation and a panel display that shows the printer status.

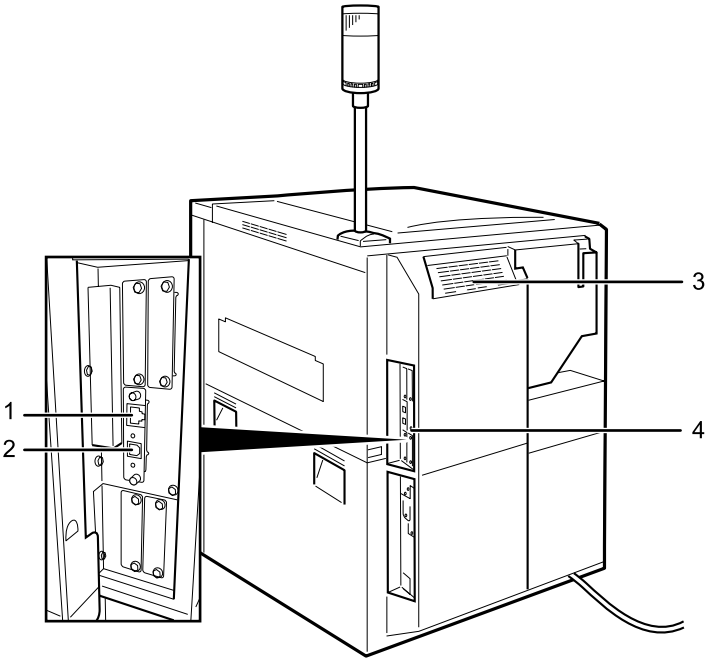
5. **Front Cover**

   Open this cover to replace some parts or remove paper misfeed.

6. **Paper tray (trays 1 to 3)**

   Feed paper loaded.

Exterior: Rear View



1. **Ethernet Port**

   Use a network interface cable to connect the printer to the network.

2. **USB port**

   Use a USB cable to connect the printer to the host computer.

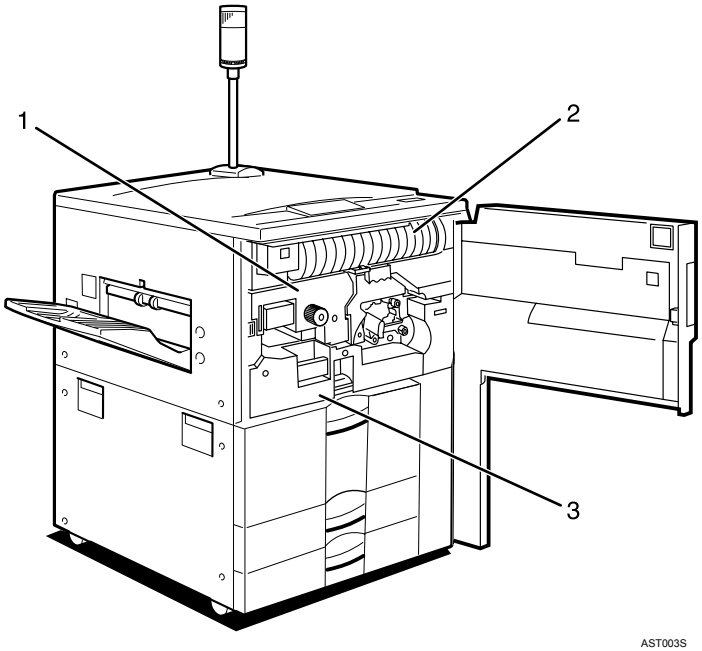
3. **Ventilation**

   Prevents overheating. Place no objects against or near these holes.

4. **Controller Board**

   Attach the interface cable, network interface cable or the USB interface cable here.

Inside



1. **Fusing Unit**

   Fuses the image onto paper.

   When "Replace Fusing Unit" message appears on the panel display, replace the fusing unit.

   For details about replacing this unit, contact your sales or service representative.

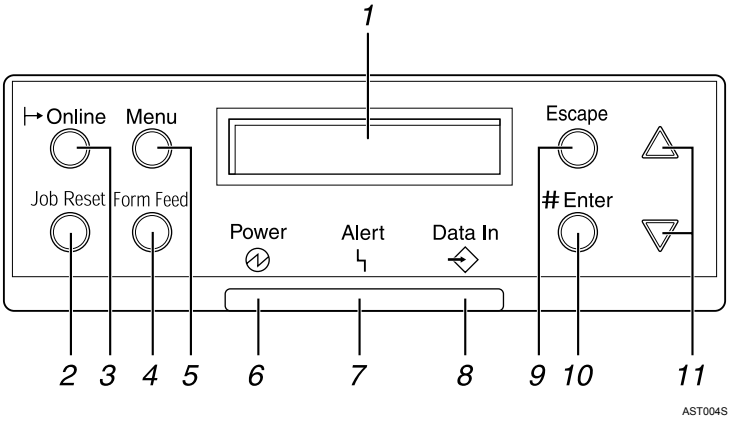
2. **Toner**

   When "Add toner" message appears on the display panel, replace a toner bottle.

3. **Duplex Unit**

   Prints on both sides of paper.

Control Panel



1. **Display**

   Shows the current status of the printer and error messages.

2. **[Job Reset] key**

   When the printer is online, press this key to cancel any ongoing print jobs.

3. **Online Indicator/[Online] key**

   Indicates whether this machine is online or offline. Press this key to switch the machine between online and offline.

   If online, the machine is ready to receive data, and the lamp is lit.

   If offline, the machine is not ready to receive data, and the lamp is unlit.

   Pressing this key during any settings returns the machine to the default screen.

4. **[Form Feed] key**

   When the printer is offline, press this key to print all data left in the printer's input buffer.

   You can use this key to force the printer to print data received in the online status when the paper size or type does not match the size or type actually set.

5. **[Menu] key**

   Press this key to make and check the current printer settings.

6. **Power indicator**

   Is lit while the printer power is on.

   Is unlit when the power is turned Stand by or while the printer is in the Energy Saver mode.

7. **Error indicator**

   Blinks or lights whenever a printer error occurs.

   When this light is lit in red, take action based on the message displayed on the control panel.

8. **Data In indicator**

   Blinks while the printer is receiving data. Is lit if there is data to be printed.

9. **[Escape] key**

Press this key to return to the previous condition on the display.

10. **[# Enter] key**

    Press this key to confirm or apply settings to proceed to the subsequent steps.

11. **[▲] [▼] keys**

    Press these keys to increase or decrease displayed values when making settings. Keep pressed to quicken scrolling, and increase or decrease values displayed in increments of 10.

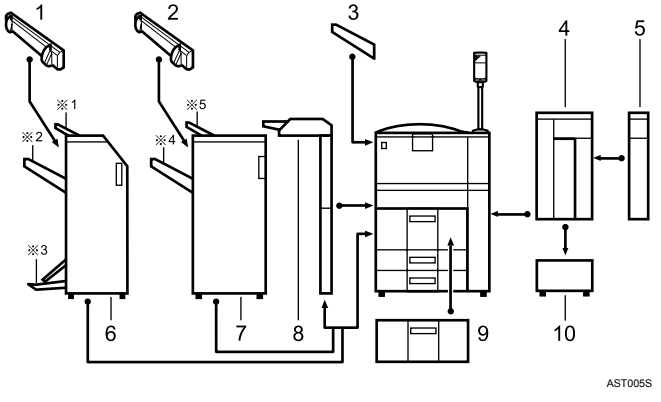
Options

This section introduces the names and functions of main optional parts.

1

External Options

This section provides explanations about external options.



1. **Output Jogger**

   Attached to the Finisher SR4000 to tidy the printout.

2. **Output Jogger**

   Attached to the Finisher SR841 to tidy the printout.

3. **External Tray**

   Printed paper is delivered here.

4. **Large Capacity Tray (LCT)**

   Holds 4,000 sheets of paper.

5. **Extension unit**

   Attached to the LCT and holds 2,500 sheets of B4 JIS or $8\frac{1}{2}$" × 11" sized paper.

6. **Finisher SR4000**

   The saddle stitch function can staple the copies in the centre and fold them into booklets.

   *1: Finisher upper tray

   *2: Finisher shift tray

   *3: Finisher booklet tray

7. **Finisher SR841**

   Sorts, stacks, staples and punches print.

   *4: Finisher shift tray

   *5: Finisher upper tray

8. **Interposer**

   Inserts cover or slip sheets into the printed.

9. **A3/11" × 17" tray unit**

   You can load A3 or 11" × 17" paper in tray 1 using this unit.

10. **LCT Connection Unit**

    Connect the LCT to the printer.

Internal Options

This section provides explanations about internal options.

- IEEE 1284 Interface Board

  Connects to the IEEE 1284 cable.

- IEEE 802.11b Interface Unit

  Allows you to install the wireless LAN interface.

- Gigabit Ethernet Board

  Allows you to communicate with 1000 BASE-TX.

Note

- Remove the machine's Ethernet and USB ports before connecting the Gigabit Ethernet Board.
- If you want to install the unit, contact your sales or service representative.

1

2. Setting Up

Where to Put the Printer

⚠WARNING

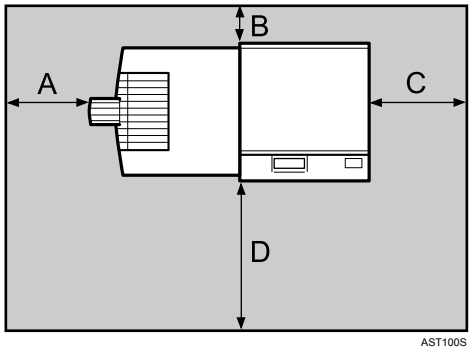
- Confirm the wall outlet is near the machine and freely accessible, so that in the event of emergency, it can be unplugged easily.
- Only connect the machine to the power source described in the manual.
- Avoid multi-wiring.
- Do not damage, break or make any modifications to the power cord. Do not place heavy objects on it, pull it hard or bend it more than necessary. These actions could cause an electric shock or fire.
- Enclosed set of power cord is only for the use with this product and should not be used with any other electronic equipment or appliances. Do not use any other power cord with this product. They could cause electric shock or fire.

⚠CAUTION

- Do not handle the plug with wet hands. Doing so might cause an electrical shock.
- Keep the machine in an area that is within optimum environmental conditions. Operating the machine in an environment that is outside the recommended ranges of humidity and temperature can cause an electrical fire hazard. Keep the area around the socket free of dust. Accumulated dust can become an electrical fire hazard.
- Place the machine on a strong and level surface. Otherwise, it might fall and injure someone.
- If you use the machine in a confined space, ensure there is continuous air circulation.

Space Required for Installation

- Ensure there is adequate space around the printer. This space is necessary to operate the printer. The recommended (or minimum) space requirements are as follows:



AST100S

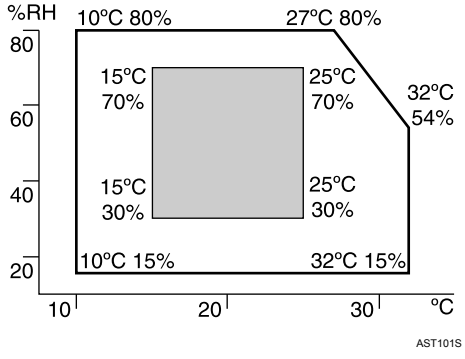
A: 10 cm (4 inches) or more

B: 5 cm (2 inches) or more

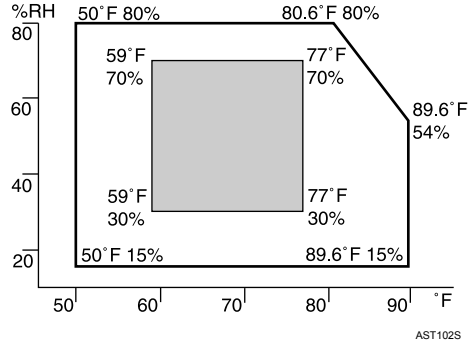
C: 4 cm (1.6 inches) or more

D: 70 cm (27.6 inches) or more

- Permissible and recommended temperature and humidity ranges are as follows:



AST101S



AST102S

- The machine must be level within 5 mm, 0.2" from both front to rear and left to right.
- To avoid possible build-up of ozone, locate this machine in a large well ventilated room that has an air turnover of more than 30 m^3/hr/person.
- When you use this machine for the long time in a confined space that has poor ventilation, you may detect an odd smell. To keep the workplace comfortable, we recommend you to keep it well ventilated.
- Do not place the machine in areas that are exposed to:
  - direct sunlight or strong light
  - dust and airborne particulates
  - corrosive gases
  - humidity
  - extreme temperatures (hot or cold)
  - air conditioner or humidifier stream

- frequent strong vibration
- EMF from nearby electronic equipment

Installing the Toner bottle

⚠WARNING

- Do not incinerate used toner or toner containers. Toner dust might ignite when exposed to an open flame. Dispose of used toner containers in accordance with local regulations.

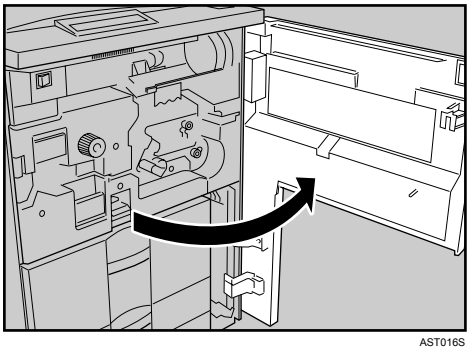
⚠CAUTION

- Keep toner (used or unused) and toner containers out of reach of children.
- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.
- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.
- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.
- Avoid getting toner on your clothes or skin when removing a paper jam or replacing toner. If your skin comes into contact with toner, wash the affected area thoroughly with soap and water.
- If toner gets on your clothing, wash with cold water. Hot water will set the toner into the fabric and may make removing the stain impossible.
- Our products are engineered to meet high standards of quality and functionality, and we recommend that you use only the expendable supplies available at an authorized dealer.
- Do not open toner cartridges forcefully. Toner can spill, dirtying your clothes or hands, and possibly resulting in accidental ingestion.

Important

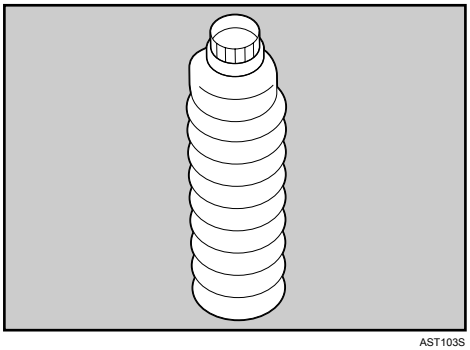
- **Do not expose the toner bottle to light for a long time. If you do, toner becomes damaged and print quality might be reduced.**
- **Do not remove the inner cap of the toner bottle.**

1. **Open the front cover of the machine.**



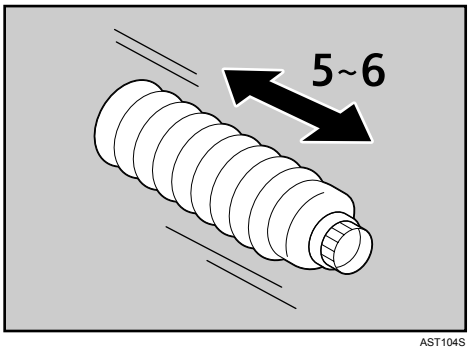
AST016S

2. Take the new toner bottle from the box.



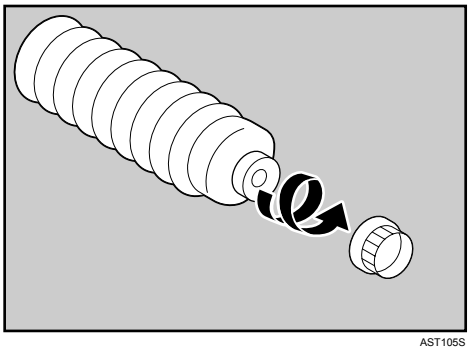
AST103S

3. Hold the bottle horizontally, and then shake it five or six times without removing the outer cap.



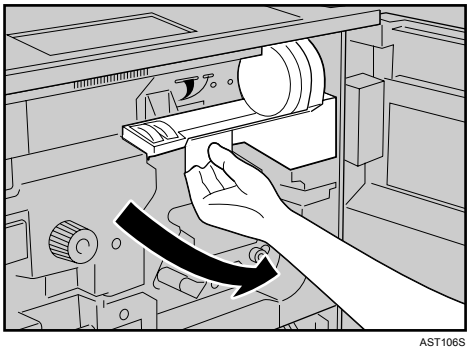
AST104S

4. Remove the outer cap.



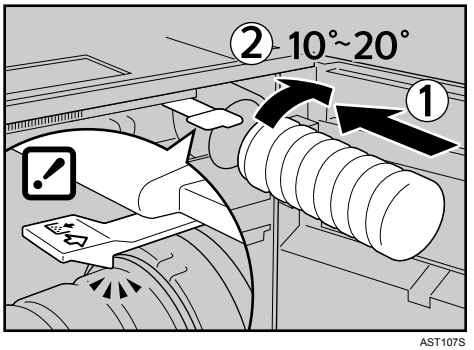
AST105S

5. Pull the lever out toward you, until it is at 90°.



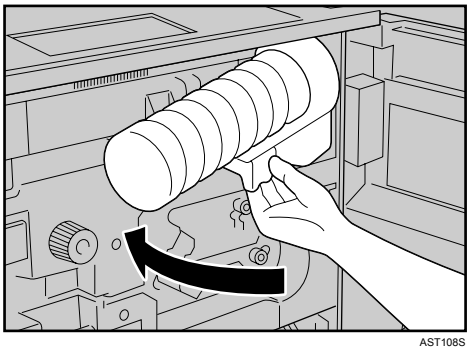
AST106S

6. **Insert the toner bottle. Push it in until the green lever clicks.**



AST107S

7. **Return the lever under the toner bottle to its original position.**



AST108S

8. **Close the front cover of the machine.**

Note

- Our products are engineered to meet the highest standards of quality and functionality. When purchasing expendable supplies, we recommend using only those provided by an authorized dealer.
- The toner bottles supplied with the printer allow you to print about 43,000 pages. These numbers were obtained from printing A4 D 5% charts, but the actual number of pages will vary depending on paper type, size, contents, and print settings.

- Toner bottles are not covered by warranty. However, if there is problem, contact the store where they were purchased.
- If the toner bottle does not click into position, pull it slightly back toward you, rotate it 10-20° to the right, and then re-insert it.
- Do not insert and remove the toner bottle more than necessary, as toner spills may result.

Loading Paper

Loading paper into the paper trays.

Loading Paper into Tray 1 (Tandem Tray)

The following procedure explains loading paper into Tray 1.

The paper trays are set by the manufacturer to accommodate the following types of paper:

Default settings

220-240V

Tray 1: A4

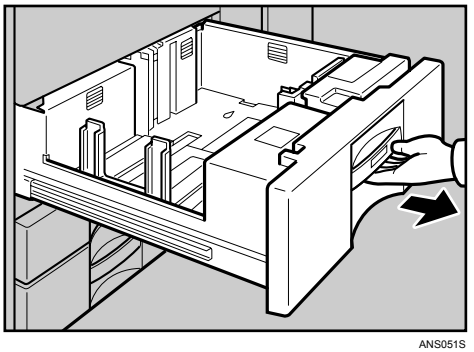
120V

Tray 1: 11 × 8 1/2

Important

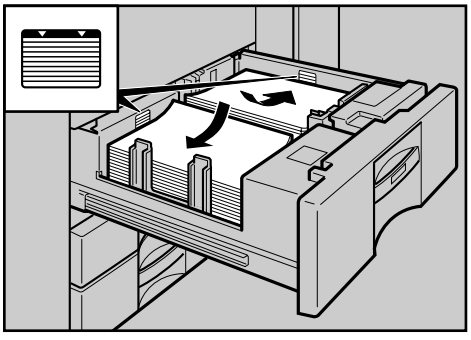
- When paper loaded in the right side of Tray 1 runs out, paper on the left is automatically shifted to the right. While the paper is moving, a message instructing you to wait appears. Do not pull out the tray at this time.
- For the right stack, align the right edge of the paper with the right edge of the tray. For the left stack, align the left edge of the paper to the left edge of the tray.
- Tray 1 uses A4 or 11 × 8 1/2 paper. If you want to load paper other then A4 or 11 × 8 1/2 paper, contact your service representative.
- Do not stack paper over the limit mark.

1. Carefully pull out the paper tray until it stops.



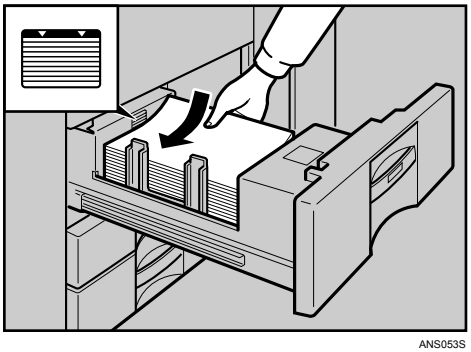
ANS051S

2. Square the paper, and then place it print side down.
   - Whole tray pulled out



ANS052S

- Left half of the tray pulled out



ANS053S

3. **Carefully push the paper tray fully in.**

Note

- You can load paper even while printing from Tray 1. You can pull out the left half of the tray while printing.

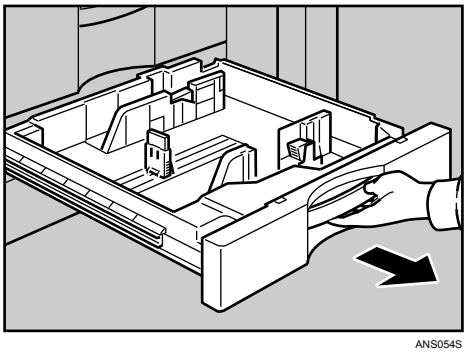
Loading Paper into Tray 2 and 3

The following explains the procedure for loading paper on Tray 2 and 3.

Important

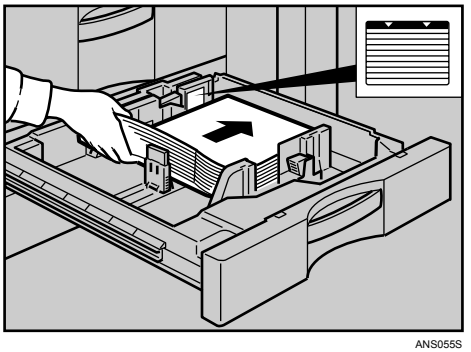
- **Various sizes of paper can be loaded in Tray 2 and 3 by adjusting the positions of side fence and end fence.**
- **Check the paper edges are aligned at the right side.**
- **Do not stack paper over the limit mark.**

1. **Carefully pull out the paper tray until it stops.**



ANS054S

2. Square the paper, and then load it print side down.



ANS055S

3. Carefully push the paper tray fully in.

Note

- The tray can hold up to 550 sheets.

Turning the Power On

⚠WARNING

- Plug and unplug the power cable with dry hands, or an electric shock could occur.

Power Switch

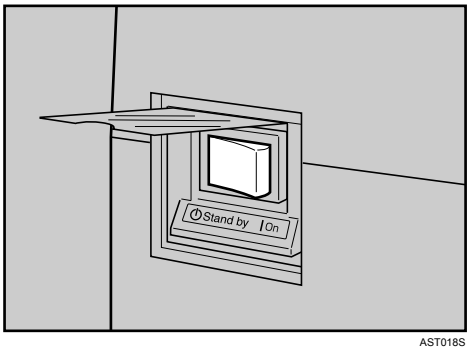
- Power Switch (front left)

  Setting this switch to ⏻ Stand by makes the power lamp on the control panel unlit. The machine is then in stand by mode.

Important

- **Make sure the power cable is plugged securely into the wall outlet.**
- **Turn the power to Stand by when plugging and unplugging the power plug.**
- **Do not switch to Stand by immediately after turning on the power switch. Doing so may result in damage to the hard disk or memory, leading to malfunction.**

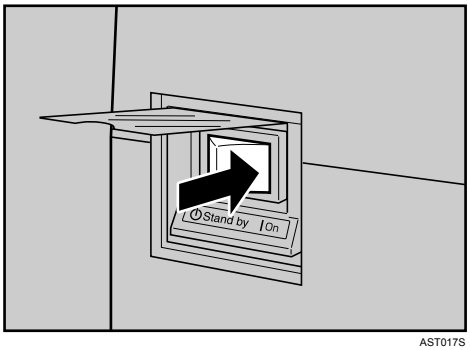
1. **Open the switch cover and make sure the power is set to ⏻ Stand by.**



AST018S

2. **Turn the power on.**

   The power indicator on the control panel lights up.



AST017S

Note

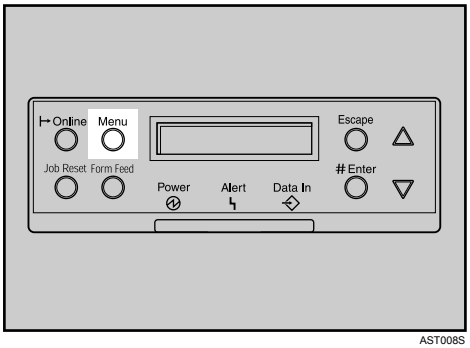
- This machine automatically enters the Energy Saver mode if you do not use it for a certain period.

Selecting the Display Language

The following explains the procedure for selecting a language on the display.

A message about selecting the language will appear on the display. If you want to use the display in English, the following procedures are unnecessary.

1. **Press the [Menu] key.**



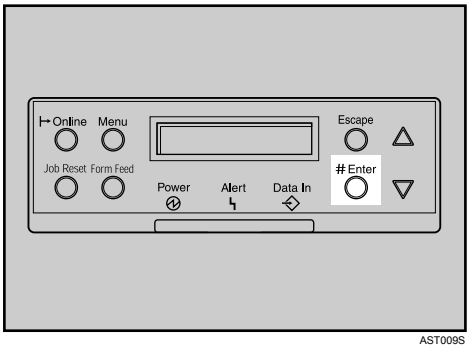
AST008S

The menu appears on the display.

2. **Press the [▲] or [▼] key to display [Language].**

```
Menu:
 Language
```

3. **Press the [# Enter] key.**



AST009S

The following message appears on the display:

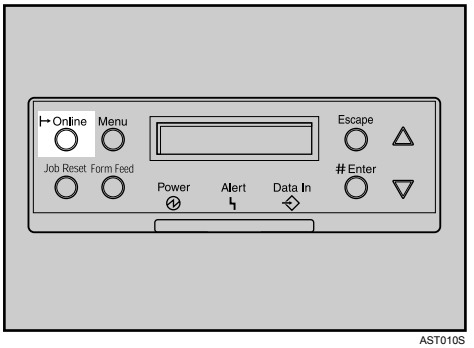
```
Language:
*English
```

4. **Press the [▲] or [▼] key until the language you want to select appears.**

5. **Press the [# Enter] key.**

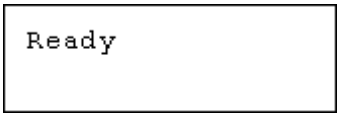
   Wait for two seconds. The [Menu] screen appears.

6. **Press the [Online] key.**



AST010S

   The initial screen appears.



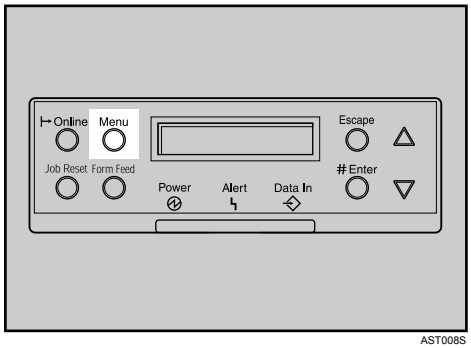
Note

- The default setting is English.

Test Printing

The following explains the procedure for test printing of the configuration page.

1. **Press the [Menu] key.**



   The menu appears on the display.

2. **Press the [▲] or [▼] key to display [List/Test print], and then press the [# Enter] key.**

```
Menu:
 List/Test Print
```

   The menu for selecting the contents to be test printed appears.

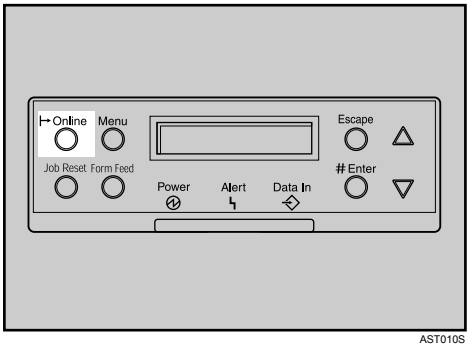
3. **Press the [▲] or [▼] key to display [Config. Page], and then press the [# Enter] key.**

```
List/Test Print:
 Config.Page
```

   The following message appears and the configuration page is printed.

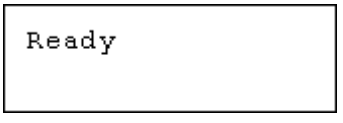
```
Printing..
```

4. **Check the options.**
5. **Press the [Online] key.**



AST010S

The initial screen appears.



Note

- Make a test print to confirm the printer is working normally. Test printing checks printer performance only; it does not test the connection to the computer.
- If printing is not normal, check and follow contents of an error message on the display, and retry a test print.
- For details about the configuration page, see "Interpreting the Configuration Page", Software Guide.

3. Connecting the Printer

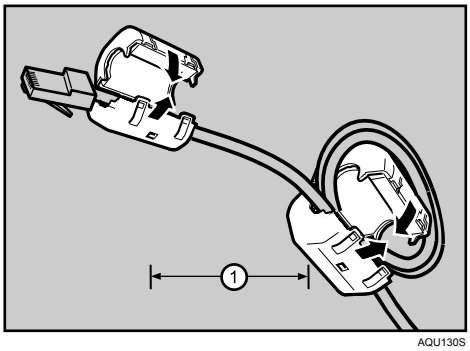
Network Connection

The following explains the procedure for connecting the printer to the computer through the network.Prepare the hub and other network devices before connecting the 10BASE-T or 100BASE-TX cable to the printer's Ethernet port. Alternatively, the optional gigabit ethernet board, which supports 1000BASE-T, is available.

Important

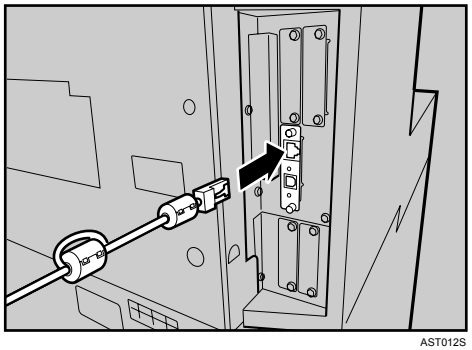
- **Use shielded Ethernet cable. Unshielded cables create electromagnetic interference that could cause malfunctions.**
- **The Ethernet cable is not supplied with this printer. Select your cable according to the network environment.**

1. **Attach one ferrite core at the printer end of the Ethernet cable, and then attach the other ferrite core about 10 cm (4 inches) (1) from this core making two loops as shown.**



AQU130S

2. **Connect the Ethernet cable to the Ethernet port.**


AST012S

3. **Connect the other end of the cable to the printer's network, such as a hub.**

Note

- Follow the same procedure for the gigabit Ethernet cable.

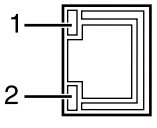
- The printer's ethernet and USB ports are not available when the gigabit ethernet board is attached to the printer.

Reference

- For details about network environment settings, see Software Guide.
- For details about attaching the gigabit ethernet board, contact your sales or service representative.

Reading the LED Lamps

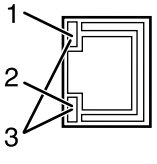
For standard ethernet port



AQV563S

1. **Green: comes on when the printer is properly connected to the network.**
2. **Yellow: comes on when 100BASE-TX is in use. It comes off when 10BASE-T is in use.**

For gigabit ethernet board



AQU060S

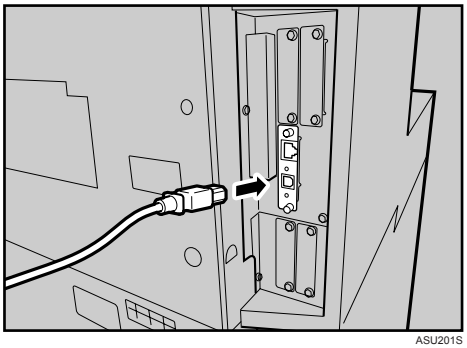
1. **Yellow: comes on 100BASE-TX is in use.**
2. **Green: comes on when 10BASE-T is in use.**
3. **Green and yellow lamps are lit when 1000BASE-T is in use.**

USB Connection

Important

- The USB2.0 cable is not supplied. Obtain a cable that is suitable for the computer you are using.
- USB connection is possible under Windows Me/2000/XP, Windows Server 2003, Mac OS 9.x, and Mac OS X.
- Windows Me supports USB1.1 speeds.
- USB connection with Macintosh is only possible via the printer's USB port.

1. **Connect the square-shaped connector of the USB2.0 cable to the USB port.**



If the gigabit ethernet board is attached, connect the square-shaped connector of the USB2.0 cable to the USB port of the board.

The printer's ethernet and USB ports are not available when the gigabit ethernet board is attached to the printer.

2. **Connect the opposite end's flat connector to devices such as your computer's USB interface, or a USB hub.**

Note

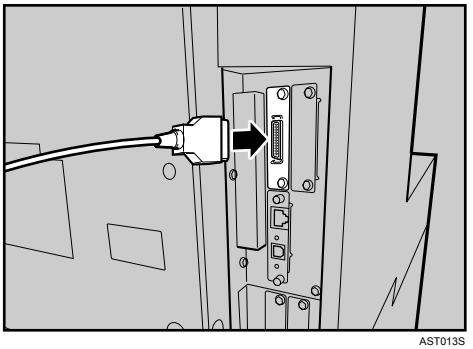
- For details about settings for USB connection printing, see Software Guide.
- For details about attaching the gigabit ethernet board, contact your sales or service representative.

Parallel Connection

Important

- The parallel interface cable is not supplied with the printer.
- The printer's parallel connection is a standard bidirectional interface that requires an IEEE 1284-compliant 36-pin parallel cable and host computer parallel port.
- Use shielded interface cable. Unshielded cables create electromagnetic interference that could cause malfunctions.
- Voltage rating of the computer's parallel port: DC 5 V (max.)

1. Turn off the printer and computer.
2. Connect the cable to the interface socket of the IEEE 1284 interface board.



AST013S

3. Securely attach the other end of the parallel cable to your computer's parallel port. Secure the cable.

Note

- For details about settings for parallel connection printing, see Software Guide.
- For details about attaching the IEEE 1284 interface board, contact your sales or service representative.

4. Configuration

Ethernet Configuration

Make the following network settings according to the network interface you are using. You can use Smart-DeviceMonitor for Admin or a Web browser to make IP address-related settings in a TCP/IP-capable environment.

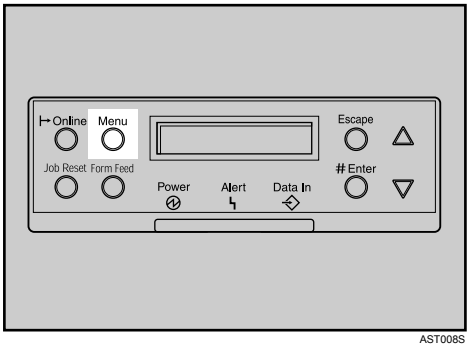
The following table shows the control panel settings and their default values. These items appear in the [Host Interface] menu.

Setting Name	Value
IPv4 Settings	• DHCP: On • IPv4 Address: 011.022.033.044 • Subnet Mask: 000.000.000.000 • Gateway Address: 000.000.000.000
IPv6 Settings	Stateless sett.: Active
Frame Type (NW)	Auto Select
Active Protocol	• IPv4: Active • IPv6: Not Active • NetWare: Active • SMB: Active • AppleTalk: Active
Ethernet Speed	Auto Select
LAN Type	Ethernet

Important

- **Configure the printer for the network using the control panel.**
- **If DHCP is in use, the IP address, subnet mask, and gateway address are all set automatically.**
- **Make this setting only when it is necessary. See Software Guide.**

1. **Press the [Menu] key.**



The menu appears on the display.

2. **Press the [▲] or [▼] key to select [Host Interface], and then press the [# Enter] key.**

```
Menu:
 Host Interface
```

3. **Press the [▲] or [▼] key to select [Network Setup], and then press the [# Enter] key.**

```
Host Interface:
 Network Setup
```

4. **Press the [▲] or [▼] key to select [Active Protocol], and then press the [# Enter] key.**

```
Network Setup:
 Active Protocol
```

5. **Press the [▲] or [▼] key to select the network protocol, and then press the [# Enter] key.**

```
Active Protocol:
 IPv4
```

6. **Press the [▲] or [▼] key to select [Active] or [Not Active], and then press the [# Enter] key.**

```
IPv4:
*Active
```

Set other protocols you need to set in the same way.

- Select [Not Active] for unused protocols.
- Enable IPv4 to use the Pure IPv4 environment of NetWare 5/5.1, NetWare 6/6.5.

7. **Press the [Escape] key until the screen returns to the [Network Setup] menu.**

8. **If you use IPv4, assign the IPv4 address to the printer. Press the [▲] or [▼] key to select [IPv4 Settings], and then press the [# Enter] key.**

```
Network Setup:
 IPv4 Settings
```

To get the IP address for the printer, contact your network administrator.

9. **To specify the IP Address, press the [▲] or [▼] key to select [IPv4 Address], and then press the [# Enter] key.**

```
IPv4 Settings:
 IPv4 Address
```

If you use IPv4, also assign Subnet Mask and Gateway Address.

10. **Press the [▲] or [▼] key to enter the address, and then press the [# Enter] key.**

```
IPv4 Address:
192.  0.  0.  0
```

After completing to enter in the all fields, press the [# Enter] key. Use this method to assign the subnet mask and gateway address.

Do not set "011.022.033.044" as the IP address.

11. **Press the [Menu] key to return to the initial screen.**
12. **Print a configuration page to confirm the settings made.**

Note

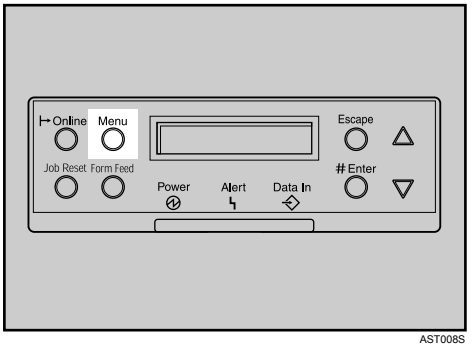
- For details about printing the configuration page, see p.33 "Test Printing".

Using DHCP - Detecting the Network Address Automatically

Important

- When you use this printer in DHCP environment, select [DHCP] following this procedure.
- When [DHCP] is selected, you cannot make settings for the IP address and gateway address
- Consult your network administrator for information about making network settings.

1. **Press the [Menu] key.**



The menu appears on the display.

2. **Press the [▲] or [▼] key to select [Host Interface], and then press the [# Enter] key.**

```
Menu:
 Host Interface
```

3. **Press the [▲] or [▼] key to select [Network Setup], and then press the [# Enter] key.**

```
Host Interface:
 Network Setup
```

4. **Press the [▲] or [▼] key to select [IPv4 Settings], and then press the [# Enter] key.**

```
Network Setup:
 IPv4 Settings
```

5. **Press the [▲] or [▼] key to select [DHCP], and then press the [# Enter] key.**

```
IPv4 Settings:
 DHCP
```

6. **Press the [▲] or [▼] key to select [On] or [Off], and then press the [# Enter] key.**

```
DHCP:
*On
```

The address will be detected by the printer.

The default setting is [On].

7. **Press the [Menu] key to return to the initial screen.**
8. **Print a configuration page to confirm the settings made.**

Note

- For details about printing the configuration page, see p.33 "Test Printing".

Making Network Settings for Using Netware

If you use NetWare, select the frame type for NetWare.

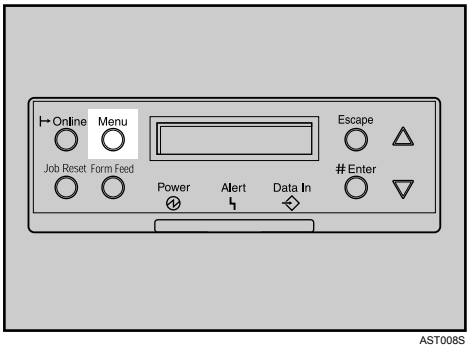
Select one of the items below if necessary.

- Auto Select
- Ethernet II
- Ethernet 802.2
- Ethernet 802.3
- Ethernet SNAP

Important

- **Usually, use the default setting ("Auto Select"). When you first select "Auto Select", the frame type detected by the printer is adopted. If your network can use more than two frame types, the printer may fail to select the correct frame type if "Auto Select" is selected. In this case, select the appropriate frame type.**

1. **Press the [Menu] key.**



The menu appears on the display.

2. **Press the [▲] or [▼] key to select [Host Interface], and then press the [# Enter] key.**

```
Menu:
 Host Interface
```

3. **Press the [▲] or [▼] key to select [Network Setup], and then press the [# Enter] key.**

```
Host Interface:
 Network Setup
```

4. **Press the [▲] or [▼] key to select [Frame Type (NW)], and then press the [# Enter] key.**

```
Network Setup:
 Frame Type (NW)
```

5. **Press the [▲] or [▼] key to select the frame type, and then press the [# Enter] key.**

```
Frame Type (NW):
*Auto Select
```

6. **Press the [Menu] key to return to the initial screen.**
7. **Print a configuration page to confirm the settings made.**

Note

- For details about printing the configuration page, see p.33 "Test Printing".

Setting the Ethernet Speed

Set the access speed for Ethernet. Confirm your network environment, and then select a speed that matches it using the following table.

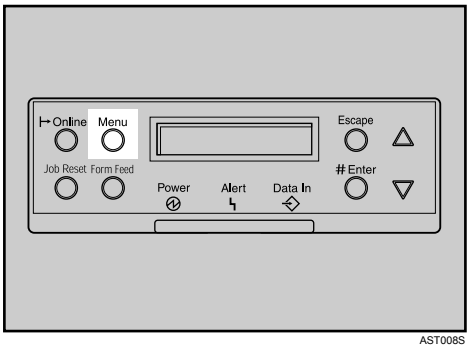
Router/HUB	Printer				
	[10Mbps Half D.]	[10Mbps Full D.]	[100Mbps Half D.]	[100Mbps Full D.]	[Auto Select]
10 Mbps half duplex	○	-	-	-	○
10 Mbps full duplex	-	○	-	-	-
100 Mbps half duplex	-	-	○	-	○
100 Mbps full duplex	-	-	-	○	-

Router/HUB	Printer				
	[10Mbps Half D.]	[10Mbps Full D.]	[100Mbps Half D.]	[100Mbps Full D.]	[Auto Select]
auto-negotiation (auto selection)	○	-	○	-	○

Important

- Connection cannot be established if the Ethernet speed does not match your network's transmission speed.
- The auto-negotiation mechanism allows two interfaces to automatically determine an optimum Ethernet speed as soon as they are connected. We recommend you select [Auto Select].

1. Press the [Menu] key.



The menu appears on the display.

2. Press the [▲] or [▼] key to select [Host Interface], and then press the [# Enter] key.

```
Menu:
 Host Interface
```

3. Press the [▲] or [▼] key to select [Network Setup], and then press the [# Enter] key.

```
Host Interface:
 Network Setup
```

4. Press the [▲] or [▼] key to select [Ethernet Speed], and then press the [# Enter] key.

```
Network Setup:
 Ethernet Speed
```

5. **Press the [▲] or [▼] key to select the ethernet speed, and then press the [# Enter] key.**

```
Ethernet Speed:
*Auto Select
```

6. **Press the [Menu] key to return to the initial screen.**
7. **Print a configuration page to confirm the settings made.**

Note

- If Ethernet and wireless LAN (IEEE 802.11b) are both connected, select which interface you want to use under [LAN Type].
- For details about printing the configuration page, see p.33 "Test Printing".

IEEE 802.11b (Wireless LAN) Configuration

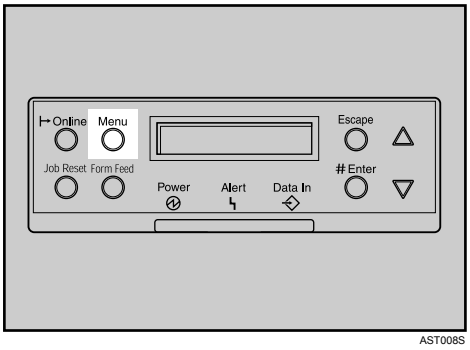
Configure the printer to use IEEE 802.11b (Wireless LAN). The following table shows the control panel settings and their default values. These items appear in the [Host Interface] menu.

Setting Name	Default Value
Comm.Mode	802.11 Ad hoc
Channel	220-240V Metric version: (1-13) 13 120V Inch version: (1-11) 11
Trans. Speed	Auto
SSID	blank
Security Method	None

Important

- For using the IEEE 802.11b interface unit, installing the optional SDRAM module is required. If the optional SDRAM module is not installed, the printer does not detect the unit, and also it does not function because of memory shortage.
- To use IEEE 802.11b (Wireless LAN), set as the followings using the control panel: press the [Menu] key, and then select [Host Interface], [Network Setup], [LAN Type], and then [IEEE 802.11b]. Also, set the IP address, subnet mask, gateway address, DHCP, Frame Type (NW), and active protocol.
- The 802.11b interface unit cannot be used simultaneously with a standard ethernet interface.

1. **Press the [Menu] key.**



The menu appears on the display.

2. **Press the [▲] or [▼] key to select [Host Interface], and then press the [# Enter] key.**

```
Menu:
 Host Interface
```

3. **Press the [▲] or [▼] key to select [IEEE 802.11b], and then press the [# Enter] key.**

```
Host Interface:
 IEEE 802.11b
```

4. **Press the [▲] or [▼] key to select [Comm. Mode], and then press the [# Enter] key.**

```
IEEE 802.11b:
 Comm. Mode
```

5. **Press the [▲] or [▼] key to select the transmission mode of IEEE 802.11b, and then press the [# Enter] key.**

```
Comm. Mode:
*802.11 Ad hoc
```

   - The factory default is [802.11 Ad hoc].
   - To use an IEEE 802.11b card for which the SSID (Network Name) setting is not necessary, select [Ad hoc].
   - The transmission mode of IEEE 802.11b can also be set using a Web browser. For details, see Web browser, and "Configuring the Network Interface Board Using Web Browser", Software Guide.

6. **If [802.11 Ad hoc] or [Ad hoc] is selected for [Comm. Mode], set the channel to use for transmission.**

   Consult your network administrator for the channel to use.

7. **Press the [▲] or [▼] key to select [Channel], and then press the [# Enter] key.**

```
IEEE 802.11b:
 Channel
```

8. **Press the [▲] or [▼] key to select the channel, and then press the [# Enter] key.**

```
Channel:
(1-13)          11
```

9. **Set [Trans. Speed] in the same way.**

The factory default is [Auto]. If you need to change the transmitting speed depending on environment you are using, select the appropriate transmitting speed.

10. **Print a configuration page to confirm the settings made.**

Note

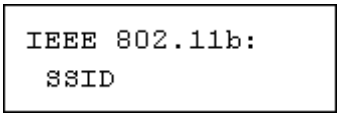
- For details about printing the configuration page, see p.33 "Test Printing".

Setting SSID

If [Infrastructure] or [802.11 Ad hoc] is selected for [Comm. Mode], set SSID to use for transmission.

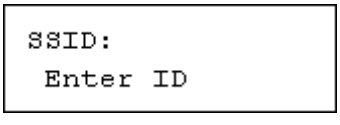
Consult your network administrator for the SSID to use.

1. **Press the [▲] or [▼] key to select [SSID], and then press the [# Enter] key.**

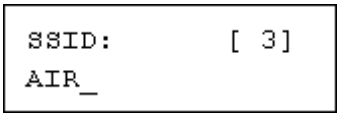


If an SSID has been set, you can check the SSID setting.

2. **Press the [▲] or [▼] key to select [Enter ID], and then press the [# Enter] key.**



3. **Press the [▲] or [▼] key to enter characters, and then press the [# Enter] key.**



The number of character you have entered is displayed on the top right of the screen.

The characters that can be used are ASCII 0x20-0x7e (32 bytes), 16 digits.

4. **Print a configuration page to confirm the settings made.**

Note

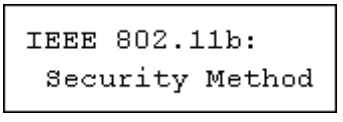
- SSID can also be set using a Web browser. For details, see the Web Image Monitor Help, and "Configuring the Network Interface Board Using Web Browser" Software Guide.
- WEP key can also be set using a Web browser. For details, see Web Image Monitor Help.
- For details about printing the configuration page, see p.33 "Test Printing".

Setting a WEP key

In the case of using a WEP key on a network, activate the WEP setting to be used for communication along with WEP.

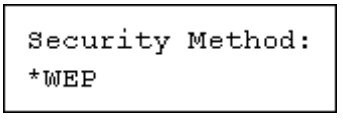
Consult your network administrator for the WEP key to use.

1. **In the [IEEE 802.11b] menu, select [Security Method] using the [▲] or [▼] key, and then press the [# Enter] key.**

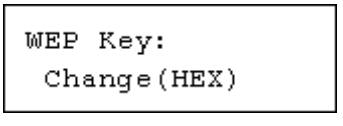


2. **Press the [▲] or [▼] key to select [WEP], and then press the [# Enter] key.**

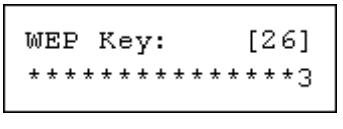
   When activating the WEP Setting, you will need to enter the WEP key. If you have not entered the key, be sure to enter it.



3. **Press the [▲] or [▼] key to select [Change (HEX)] or [Change (ASCII)], and then press the [# Enter] key.**



4. **Press the [▲] or [▼] key to enter the characters, and then press the [# Enter] key.**



   - When entering the character, pressing [# Enter] will mask it with an asterisk for security reasons.
   - When using 64 bit WEP, up to 10 characters can be used for hexadecimal and up to five characters for ASCII. When using 128 bit WEP, up to 26 characters can be used for hexadecimal and up to 13 characters for ASCII.
   - The number of characters that can be entered is limited to 10 or 26 for hexadecimal and 5 or 13 for ASCII.
   - For ASCII character strings, uppercase and lowercase letters are recognized respectively.

5. **Press the [Menu] key to return to the initial screen.**
6. **Print a configuration page to confirm the settings made.**

Note

- WEP key can also be set using a Web browser. For details, see Web Image Monitor Help.
- For details about printing the configuration page, see p.33 "Test Printing".

5. Installing the Printer Driver

Quick Install

Windows 95/98/Me/2000/XP, and Windows Server 2003 users can easily install this software using the CD-ROM provided.

Using Quick Install, the PCL printer driver and/or RPCS printer driver and DeskTopBinder will be installed under the network environment, and TCP/IP port will be set.

Important

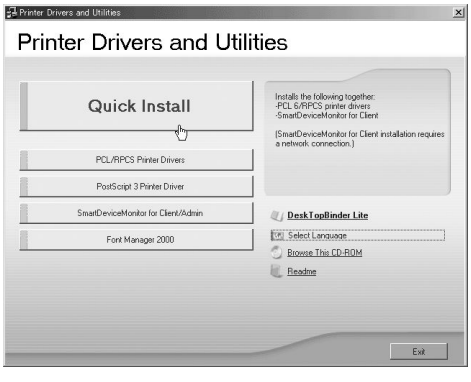
- **To install printer driver under Windows 2000/XP Professional, and Windows Server 2003, you must have an account that has Manage Printers permission. Log on as an Administrator.**
- **Quick Install is not available when using this printer under USB connection. If you connect using USB, see Software Guide.**

1. **Quit all applications currently running.**
2. **Insert the CD-ROM into the CD-ROM drive.**

   The installer starts.

   Auto Run may not work under certain operating system settings. If this is the case, launch "Setup.exe" on the CD-ROM root directory.
3. **Select an interface language, and then click [OK].**

   The default interface language is English.
4. **Click [Quick Install].**



   The software license agreement appears in the [License Agreement] dialog box.
5. **After reading the agreement, click [I accept the agreement], and then click [Next].**
6. **Select the printer model you want to use in the [Select Printer] dialog box.**

   For network connection via TCP/IP, select the printer whose IP address is displayed in [Connect To].

   For parallel connection, select the printer whose printer port is displayed in [Connect To].

7. **Click [Install].**

   The printer driver installation starts.

8. **Click [Finish].**

   A message about restarting the computer appears. Restart the computer to complete installation.

9. **Click [Exit] in the first dialog box of the installer, and then take out the CD-ROM.**

Note

- To stop installation of the selected software, click [Cancel] before installation is complete. Restart the computer, then reinstall other softwares or printer drivers.
- Auto Run may not work under certain operating system settings. If this is the case, launch "Setup.exe" on the CD-ROM root directory.
- Select a printer to whose IP address is displayed in [Connect To] to install SmartDeviceMonitor for Client when using TCP/IP.

Reference

- Quick Install is not available unless you have enabled bidirectional communication between the printer and computer via parallel connection. See "Install SmartDeviceMonitor for Client" from the CD-ROM provided, Software Guide, for details about bidirectional communication between the printer and the computer.

Install the Operating Instructions

The CD-ROM provided with the printer contains an HTML Operating Instructions Manual. Follow the procedure below to install it.

System Requirements :

- Windows 95/98/Me, Windows 2000/XP, Windows Server 2003, or Windows NT4.0.
- 800 × 600 or higher monitor resolution.

Web Browsers :

- Microsoft Internet Explorer 5.5 SP2 or higher.
- Firefox 1.0 or higher.

If you are using Internet Explorer 3.02 or earlier, or Netscape Navigator 4.05 or earlier as your Web browser, a simpler version of the Operating Instructions Manual is displayed.

1. **Quit all applications currently running.**
2. **Insert the CD-ROM into the CD-ROM drive.**

   The installer starts.

   Auto Run may not work under certain operating system setting. If this is the case, launch "Setup.exe" on the CD-ROM root directory.
3. **Select an interface language, and then click [OK].**
4. **Click Install manuals.**
5. **Follow the instructions on the screen to complete the installation.**
6. **Click [Finish] when the installation is completed.**
7. **Click [Exit].**

Note

- Auto Run may not work under certain operating system setting. If this is the case, copy all data on the CD-ROM root directory to your hard disk drive, and then launch "Setup.exe" to start the installation.
- To uninstall the Operating Instructions Manual, select Programs in the Start menu, select your printer driver, and then click Uninstall. You can uninstall each Manual Guide separately.
- If you are using an incompatible Web browser and the simpler version of the Operating Instructions Manual does not display correctly, open the folder "MANUAL\LANG\ (Language) \ (manual name) \unv\" on the CD-ROM. Double-click on "index.htm".

6. Paper and Other Media

Paper and Other Media Supported by This Printer

This section describes the paper size, feed direction, and the maximum amount of paper that can be loaded into each paper tray in this printer.

Symbols

In this manual	On the display	Paper feed direction
▭ → (Feed direction)	A4 (210 × 297) 8 1/2 × 11	Short-edge feed direction
▯ → (Feed direction)	A5 (210 × 148) 8 1/2 × 5 1/2	Long-edge feed direction

Note

- The symbols and terminology are used to represent the feed direction.
- Be careful of the paper feed direction. The direction is determined for each paper size.

Input Paper Sizes Tray 1

Metric version	Inch version
A4▭, $8^1/_2$ × 11(Letter)▭	$8^1/_2$ × 11(Letter)▭, A4▭

The following sizes are supported when the option is attached.

Metric version	Inch version
A3▭, B4 JIS▭, A4▭, 11 × 17▭, $8^1/_2$ × 14 (Legal)▭, $8^1/_2$ × 11(Letter)▭	11 × 17▭, $8^1/_2$ × 14(Legal)▭, $8^1/_2$ × 11 (Letter) ▭, A3▭, B4 JIS▭, A4▭

The paper tray fence is fixed. If you wish to change the size of paper placed in this tray, contact your service representative.

Input Paper Sizes Tray 2/3

The following sizes are supported and the printer selects it automatically.

Metric version	Inch version
A3, B4 JIS, A4, B5 JIS, A5, 11 × 17, 8 1/2 × 14 (Legal), 8 1/2 × 11 (Letter), 5 1/2 × 8 1/2, 7 1/4 × 10 1/2 (Executive), 8 × 13 (F/GL), 8 1/2 × 13 (Foolscap), 8 1/4 × 13 (Folio)	11 × 17, 8 1/2 × 14 (Legal), 8 1/2 × 11 (Letter), 5 1/2 × 8 1/2, 7 1/4 × 10 1/2 (Executive), 8 × 13 (F/GL), 8 1/2 × 13 (Foolscap), 8 1/4 × 13 (Folio), A3, B4 JIS, A4, B5 JIS, A5

Tray 2/3 supports custom size paper, approximately 139.7 - 297 mm (5.50 – 11.69 inches) in width, and 139.7 - 432 mm (5.50 – 17.00 inches) in length. The supported size may differ depending on the printer language you use. Set as a custom size setting using the control panel.

Input Paper Sizes Large Capacity Tray (LCT) (option)

Metric version / Inch version
B4JIS, A4, B5JIS, 8 1/2 × 14, 8 1/2 × 11

The Extension unit (optional) is required to load B4JIS, A4, 8 1/2 × 14, or 8 1/2 × 11 size paper. 2,500 sheets can be loaded in this tray.

Paper weight and number of sheets to be set

	Supported paper weight	Maximum number of sheets (plain paper)
Tray 1	52.3 – 127.9 g/m^2 (14 - 34 lb.)	3100 (1550×2) (80 g/m^2, 20 lb.)
Tray 2, Tray 3	52.3 – 127.9 g/m^2 (14 - 34 lb.)	550 (80 g/m^2, 20 lb.)
LCT	52.3 – 216 g/m^2 (14 - 57 lb.)	4000 (80 g/m^2, 20 lb.)

Note

- Check that the top of the stack is not higher than the limit mark inside the tray.
- There are types of paper between 128 - 216 g/m^2 in weight that are not supported.

Paper Recommendations

Loading Paper

Important

- **Do not use ink-jet printer paper because it may stick to the fusing unit and cause a paper misfeed.**
- **When printing on OHP transparencies that have a print side, load them with the print side up on the LCT. Not taking this precaution may cause them to stick to the fusing unit and cause misfeeds.**
- **Do not use paper that has already been printed onto by other printers.**

Set the paper as the followings.

- Tray 1: Print side facing down
- Tray 2, Tray 3: Print side facing down
- LCT: Print side facing up

Print quality cannot be guaranteed if paper other than the ones recommended is used. For details about recommended paper, contact your sales or service representative.

Storing Paper

Paper should always be stored properly. Improperly stored paper might result in poor print quality, paper misfeeds, or printer damage. Recommendations are as follows:

- Avoid storing paper in humid areas.
- Avoid exposing paper to direct sunlight.
- Store on a flat surface.
- Keep paper in the package in which the paper came.

Types of Paper and Other Media

Plain Paper

Paper thickness	60 - 105 g/m^2 (16 - 28 lb.)
Printer setup	Press the [Menu] key, select [Paper Input], [Paper Type], the target paper tray, and then [Plain Paper].

	Note • The paper size settings made using the control panel have priority over the printer driver settings.
Printer driver setup	Select [Plain] or [Plain/Recycled] in the [Paper Type:] list.
Enabled paper feeding tray	Any input tray can be used.
Number of sheets that can be set	• Tray 1: 1550 × 2 • Tray 2, Tray 3: 550 • LCT : 4,000 **Note** • Make sure paper is not stacked higher than the upper limit mark (▼) inside the tray.
Both-side printing	Possible
Additional cautions	When printing on 91 - 105 g/m^2 paper, print speed is slightly slower to when printing on paper of 60 - 91 g/m^2.

Thick Paper

Paper thickness	105 – 216 g/m^2(28 - 57 lb.)
Printer setup	Press the [Menu] key, select [Paper Input], [Paper Type], the target paper tray, and then [Thick Paper]. **Note** • The paper size settings made using the control panel have priority over the printer driver settings.
Printer driver setup	Select [Thick] in the [Paper Type:] list.
Enabled paper feeding tray	Any input tray can be used.
Number of sheets that can be set	Make sure paper is not stacked higher than the upper limit mark (▼) inside the tray.

Both-side printing	Possible
Additional cautions	• Print speed is slightly slower than when using plain paper. • There are types of paper between 128 - 216 g/m^2 in weight that are not supported.

Paper Not Supported by this Printer

Avoid using the following paper as they are not supported by this printer.

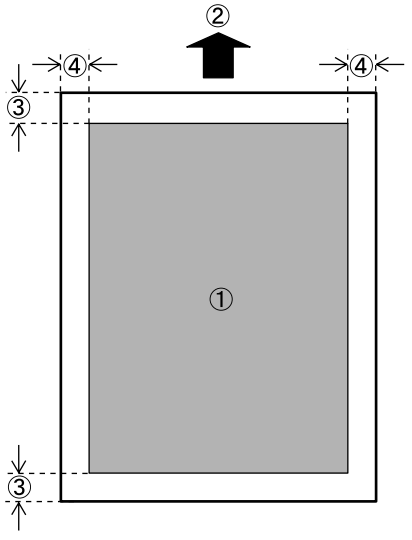
- Paper meant for an ink-jet printer
- Bent, folded, or creased paper
- Curled or twisted paper
- Torn paper
- Wrinkled paper
- Damp paper
- Paper that is dry enough to emit static electricity.
- Paper that has already been printed onto, except a preprinted letterhead.

  Malfunctions are highly likely when using paper printed on by other than a laser printer (e.g. monochrome and color copiers, ink-jet printers, etc.).
- Special paper, such as thermal paper, aluminum foil, carbon paper and conductive paper
- Paper whose weight is heavier or lighter than the limitation
- Paper with windows, holes, perforations, cutouts, or embossing
- Adhesive label paper on which glue or base paper is exposed.
- Paper with clips or staples
- Envelopes
- OHP transparencies

Print Area

The following shows the print area for this printer. Be sure to set the print margins correctly by the application.

Paper



1. **Print area**
2. **Feed direction**
3. **Approx. 4 mm (0.16 inches)**
4. **Approx. 2 mm (0.08 inches)**

Note

- The print area may vary depending on the paper size, printer language and printer driver settings.

Loading Paper

The following section explains how to load paper when paper runs out.

⚠CAUTION

- When loading paper, take care not to trap or injure your fingers.

Loading Paper into Tray 1 (Tandem Tray)

The following explains the procedure for loading paper into Tray 1.

The paper trays are set by the manufacturer to accommodate the following types of paper:

Default settings

220-240V

Tray 1: A4

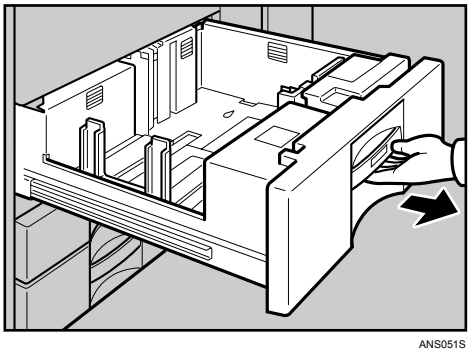
120V

Tray 1: 11 × 8 1/2

Important

- When paper loaded in the right side of Tray 1 runs out, paper on the left is automatically shifted to the right. While the paper is moving, a message instructing you to wait appears. Do not pull out the tray at this time.
- For the right stack, align the right edge of the paper with the right edge of the tray. For the left stack, align the left edge of the paper to the left edge of the tray.
- Tray 1 uses A4 paper. If you want to load paper other than A4 paper, contact your service representative.
- Do not stack paper over the limit mark.

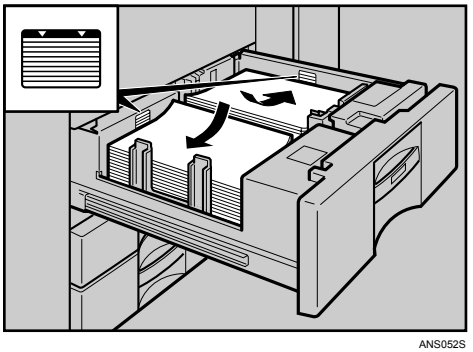
1. Carefully pull out the paper tray until it stops.



ANS051S

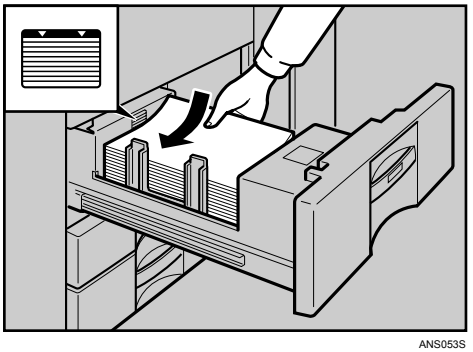
2. Square the paper, and then place it print side down.

Whole tray pulled out



ANS052S

Left half of the tray pulled out



ANS053S

3. **Carefully push the paper tray fully in.**

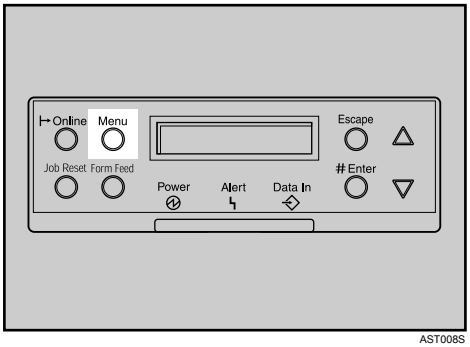
Note

- You can load paper even while printing from Tray 1. You can pull out the left half of the tray while printing.

Specifying the Paper Type

When you load translucent paper or postcards, set the paper type accordingly.

1. **Press the [Menu] key.**



The menu appears on the display.

2. **Press the [▲] or [▼] key to display [Paper Input], and then press the [# Enter] key.**

```
Menu:
 Paper Input
```

The paper type selection menu appears.

3. **Press the [▲] or [▼] key to display [Paper Type], and then press the [# Enter] key.**

The paper tray selection menu appears.

4. **Press the [▲] or [▼] key to display the target paper tray, and then press the [# Enter] key.**

```
Paper Type:
 Tray 1
```

The paper type selection menu appears.

5. **Press the [▲] or [▼] key to display the target paper tray, and then press the [# Enter] key.**

```
Tray 1:
*Recycled Paper
```

Wait for two seconds. The display returns to the menu.

6. **Press the [Online] key.**

The initial screen appears.

Note

- Paper type setting can also be set using the printer driver.
- The paper size settings made using the control panel have priority over the printer driver settings.
- When you do not wish to use the printer driver, make the setting using the control panel.

- The setting made here is valid until the next setting is made. After printing on thick paper, reset it to the original setting for the next user.
- For printer driver settings, see the printer driver Help.

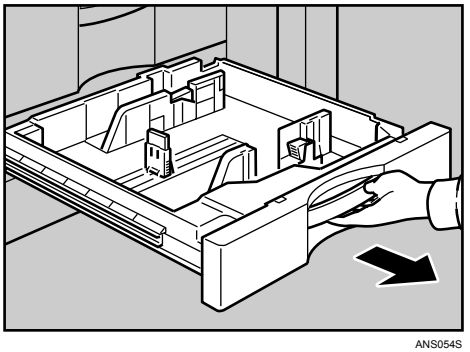
Loading Paper into Tray 2 and 3

The following explains the procedure for loading paper into Tray 2 and 3.

Important

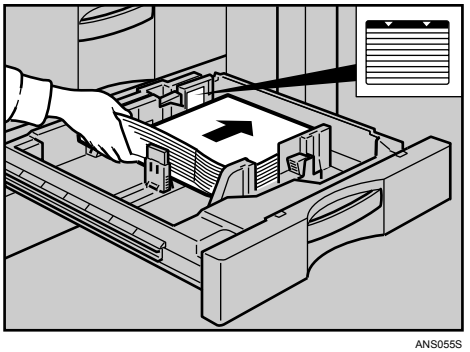
- **Various sizes of paper can be loaded in Tray 2 and 3 by adjusting the positions of side fence and end fence.**
- **Check the paper edges are aligned at the right side.**
- **Do not stack paper over the limit mark.**

1. **Carefully pull out the paper tray until it stops.**



ANS054S

2. **Square the paper, and then place it print side down.**



ANS055S

3. **Carefully push the paper tray fully in.**

Note

- The tray can hold up to 550 sheets.

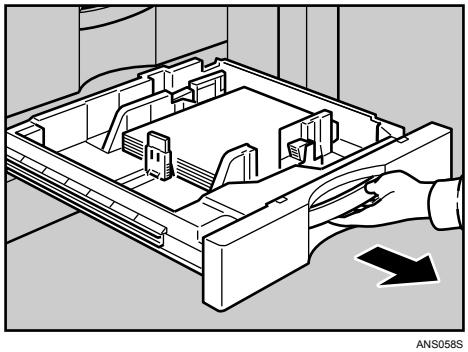
Changing the Paper Size in Tray 2 and 3

The following explains the procedure for changing a paper size in Tray2 and 3.

Important

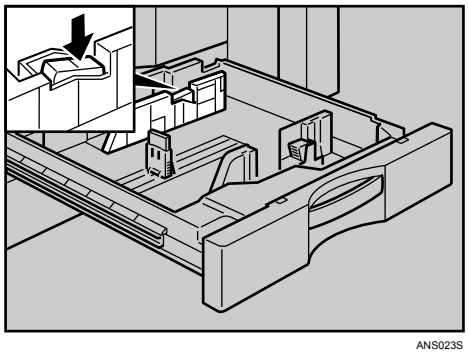
- If a paper tray is pushed vigorously when putting it back into place, the position of the tray's side fence may slip out of place.
- Check the top of the paper is aligned to the right side.
- Do not stack paper over the limit mark.

1. Check that paper in the paper tray is not in use for printing, and then pull the tray carefully out until it stops.



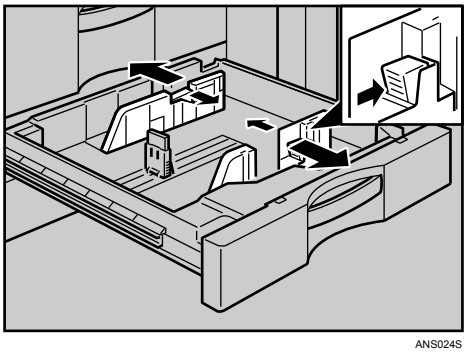
ANS058S

2. Remove paper if loaded.
3. Release the lock on the side fence.



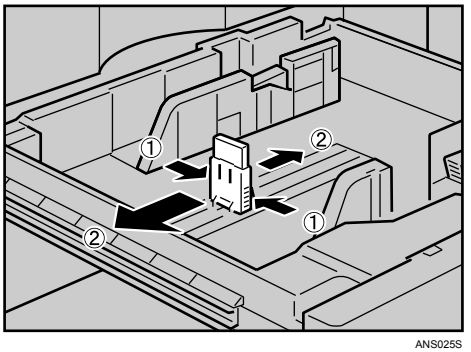
ANS023S

4. While pressing down the release lever, slide the side fence until they are aligned the paper size you want to load.



ANS024S

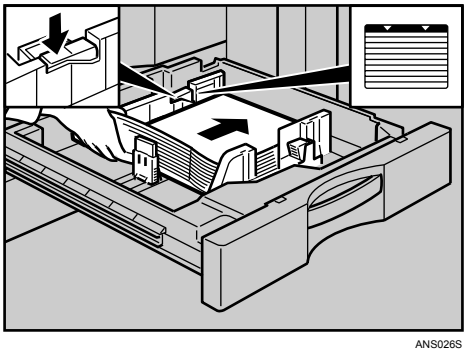
5. **Slide the end fence until it is aligned with the paper size you want to load.**



ANS025S

6. **Square the paper and load it print side up.**

   Re-lock the side fence again.



ANS026S

7. **Carefully slide the paper tray fully in.**
8. **Check the size on the display.**

Note

- If there is space between the side fence and paper, bring the side fence flush against the edge of the paper.

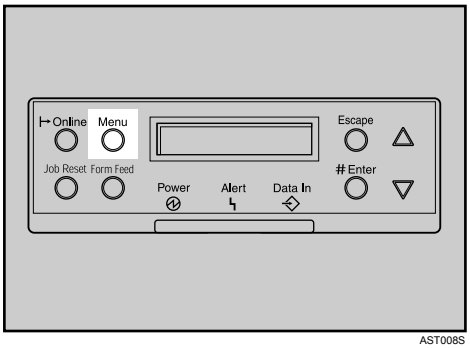
Specifying Custom Size Paper

When printing on custom size paper, specify the paper size using the control panel or printer driver.

The following is the range of paper sizes that can be loaded in each type of the paper trays:

- Vertical: 139.7 - 297.0 mm (5.5 - 11.7 inches)
- Horizontal: 139.7 - 432.0 mm (5.5 - 17.0 inches)

1. **Press the [Menu] key.**



AST008S

The menu appears on the display.

2. **Press the [▲] or [▼] key to display [Paper Input], and then press the [# Enter] key.**

```
Menu:
 Paper Input
```

The paper selection menu appears.

3. **Press the [▲] or [▼] key to display [Tray Paper Size], and then press the [# Enter] key.**

The paper tray selection menu appears.

4. **Press the [▲] or [▼] key to display the target paper tray, and then press the [# Enter] key.**

```
Tray Paper Size:
 Tray 2
```

The paper size selection menu appears.

5. **Press the [▲] or [▼] key to display [Custom Size], and then press the [# Enter] key.**
6. **Press the [▲] or [▼] key to set horizontal value, and then press the [# Enter] key.**

220-240V

```
Custom Size:
Horiz.  297.0 mm
```

120V

```
Custom Size:
Horiz.  11.00 in
```

The screen for entering the length appears.

7. **Press the [▲] or [▼] key to set the vertical value, and then press the [# Enter] key.**

220-240V

```
Custom Size:
Vert.   210.0 mm
```

120V

```
Custom Size:
Vert.   17.00 in
```

By pressing the key, the value increases or decreases by 0.1 mm (0.001 inch). By pressing and holding the key, the value varies by 1 mm (0.01 inch).

Wait for two seconds. The display returns to the menu.

8. **Press the [Online] key.**

The initial screen appears.

Note

- If the Paper Tray is set to [Auto Tray SW], the paper size settings made using the control panel have priority over the printer driver settings. If the Paper Tray is set to Tray #, the paper size settings made using the control panel have priority over the printer driver settings.

Specifying the Paper Type

When you load translucent paper or thick paper, set the paper type. For details about paper type, see p. 59 "Paper Recommendations".

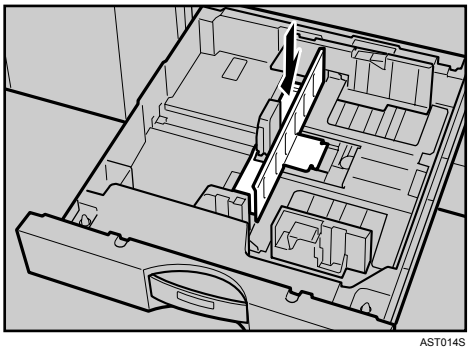
Printing onto Tab Stock

You can print onto tab stock.

Important

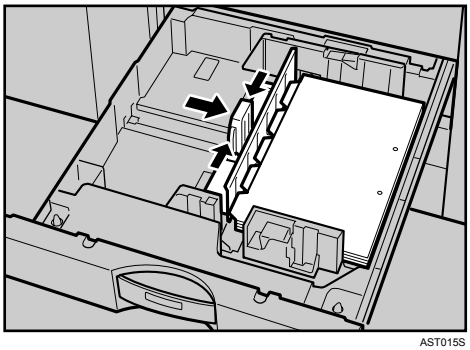
- **The tab stock can be placed in tray 2-3.**
- **When setting tab stock, always use the optional tab sheet fence.**

1. Select the paper tray where the tab stock is set.



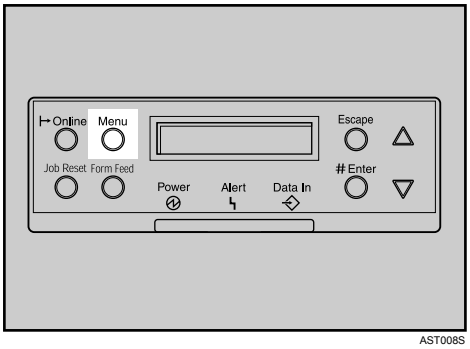
AST014S

2. Set tab stock so that it will be fed from the side without the tab first.
3. Adjust the back fence position so that the tab sheet fence will fit the tab stock.



AST015S

4. Press the [Menu] key.



AST008S

The menu appears on the display.

5. Press the [▲] or [▼] key to display [Paper Input], and then press the [# Enter] key.

```
Menu:
 Paper Input
```

6. **Press the [▲] or [▼] key to display [Paper Input], and then press the [# Enter] key.**
7. **Press the [▲] or [▼] key to display [Tray 2] or [Tray 3], and then press the [# Enter] key.**

```
Paper Type:
 Tray 2
```

8. **Press the [▲] or [▼] key to display [Tab Stock] using [▼] or [▲], and then press the [# Enter] key.**

```
Tray 2:
*Tab Stock
```

9. **Press the [Online] key.**

   The initial screen appears.

Note

- Check the position of the index tab to avoid cropping the image.
- Set the tab stock with the side to be printed facing down.

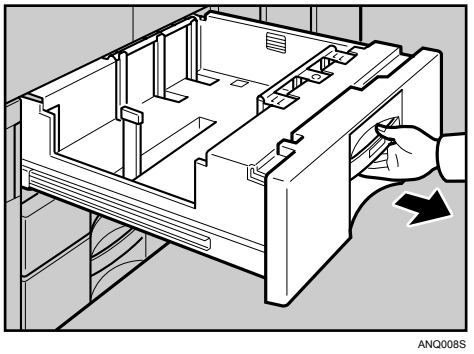
Loading Paper into the A3 / 11" × 17" Tray Unit

The following procedure explains how to load paper into the A3 / 11" × 17" tray unit. To use the A3 / 11" × 17" tray unit, you must replace Tray 1.

Important

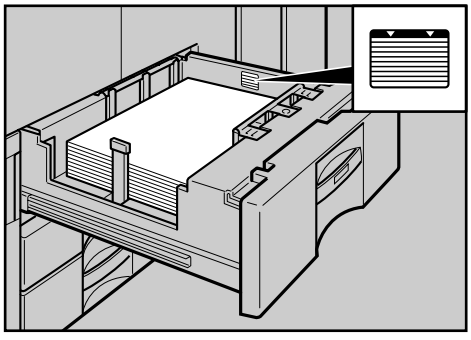
- **Make sure that the paper stack is flush to the right side fence.**
- **Do not stack paper over the limit mark.**

1. **Carefully pull out the paper tray until it stops.**



ANQ008S

2. **Place the paper in the tray along the edge on the left.**


ANQ009S

3. Carefully slide the paper tray fully in.

Note

- The tray can hold up to 550 sheets.

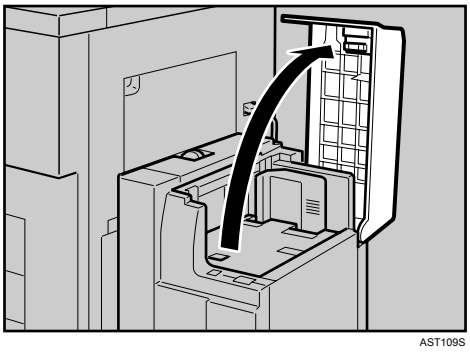
Loading Paper into the Large Capacity Tray (LCT)

The following procedure explains loading paper into the large capacity tray (LCT).

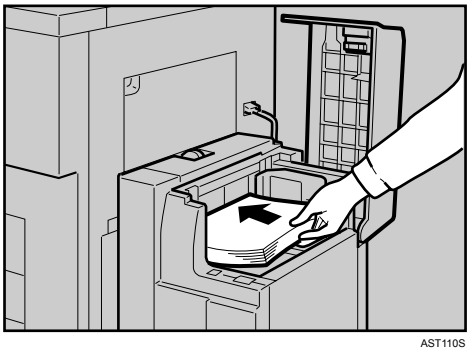
Important

- Align the paper neatly and press its edge to the right and left plate. Poorly loaded paper causes misfeeds.
- Check that the paper edges are aligned at the left side.
- Do not stack paper over the limit mark.

1. Open the top cover of the large capacity tray (LCT).


AST109S

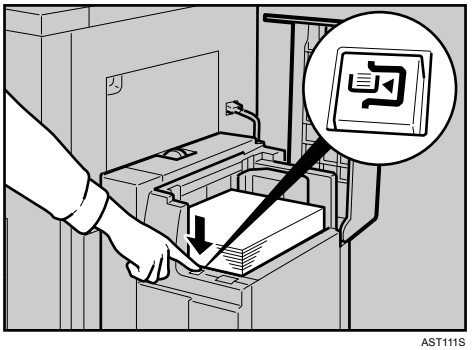
2. Load the paper in the tray aligning it with the left edge.



AST110S

3. **Press the [Down] key.**

   The key blinks while the bottom plate is moving down.



AST111S

4. **Load paper by repeating steps 2 and 3.**

   The tray can hold up to 4,000 sheets.

5. **Close the top cover of the large capacity tray (LCT).**

Specifying the Paper Type

When you load translucent paper or thick paper, set the paper type. For details about paper type, see p. 59 "Paper Recommendations".

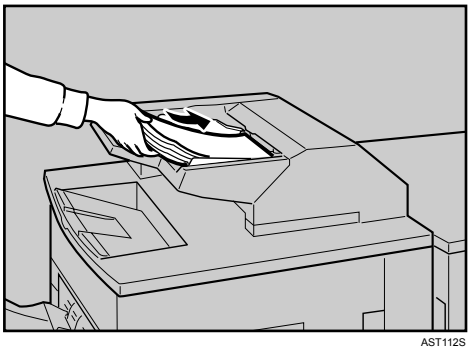
Loading Paper in the Interposer (optional)

Important

- Load paper printed side down.
- Load paper in the interposer in the same orientation as paper in the paper tray.
- Stapling and punching location is on the left side of the paper, when you are facing the machine.
- Do not place anything on the top of the interposer or leave documents on the sensor. Obstructing the sensor can lead to the paper size not being correctly detected or paper jams.

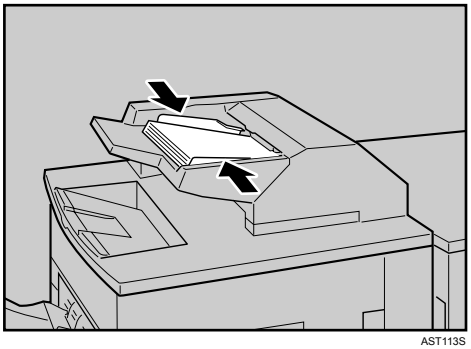
- Do not stack paper higher than the limit mark inside the tray.

1. Load the paper.



AST112S

2. Adjust the paper guides to the paper size.



AST113S

Note

- Straighten curled or warped paper before loading.
- Fan the paper before loading.

7. Replacing Consumables

Replacing the Toner bottle

⚠WARNING

- Do not incinerate used toner or toner containers. Toner dust might ignite when exposed to an open flame. Dispose of used toner containers in accordance with local regulations.

⚠CAUTION

- Keep toner (used or unused) and toner containers out of reach of children.
- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.
- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.
- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.
- Avoid getting toner on your clothes or skin when removing a paper jam or replacing toner. If your skin comes into contact with toner, wash the affected area thoroughly with soap and water.
- If toner gets on your clothing, wash with cold water. Hot water will set the toner into the fabric and may make removing the stain impossible.
- Our products are engineered to meet high standards of quality and functionality, and we recommend that you use only the expendable supplies available at an authorized dealer.
- Do not open toner cartridges forcefully. Toner can spill, dirtying your clothes or hands, and possibly resulting in accidental ingestion.

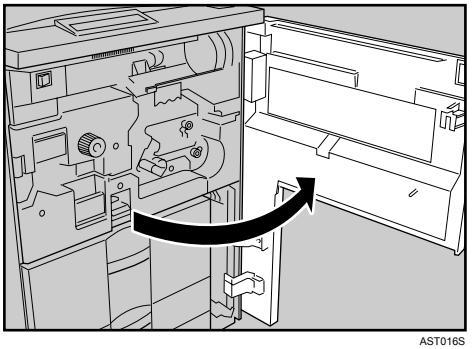
Important

- **Use recommended toner bottles. Using different types of toner bottles can result in malfunction.**
- **Replacement should be done while the power switch is set to On. If it is set to standby, the settings are cancelled and printing cannot resume. Also, toner refill may not be recognized, and the "Add Toner" display may appear again.**
- **Be sure to refill the toner only when instruction to do so appears on the display.**
- **Do not remove the inner cap.**
- **Avoid inserting and removing the toner bottle repeatedly. Toner spills may occur.**

Note

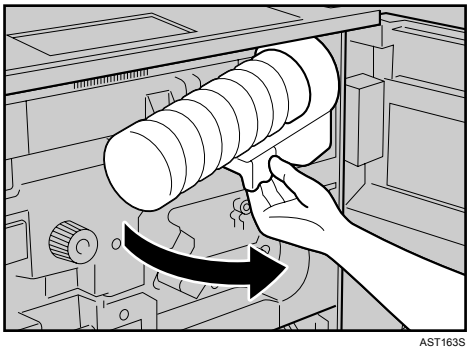
- Approximately 1,000 sheets can be printed after the message "Toner is almost empty" appears. However, prints may become increasingly faded, so replace the toner bottle as soon as possible.
- When the toner bottle is empty, "Add Toner" appears and printing is no longer possible.

1. Open the front cover of the machine.



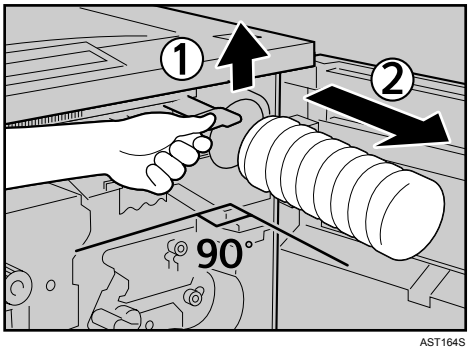
AST016S

2. Pull out the lever under the toner bottle toward you, until it is at 90°.



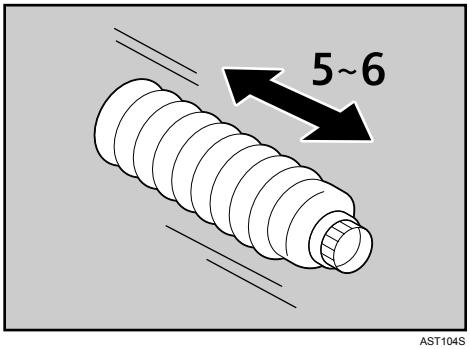
AST163S

3. Raise the green lever, and then gently pull out the toner bottle.



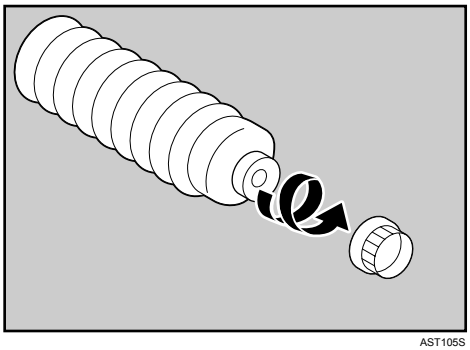
AST164S

4. Hold the new bottle horizontally, and then shake it five or six times without removing the outer cap.



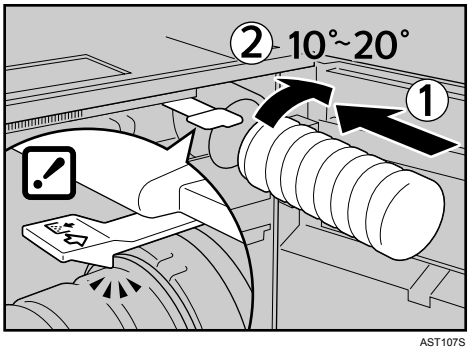
AST104S

5. Remove the outer cap.



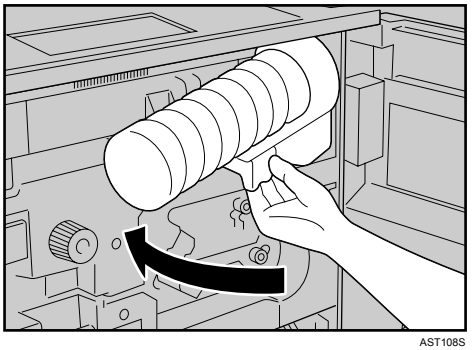
AST105S

6. Place the toner bottle in position, and then push it in until the green lever clicks.



AST107S

7. Return the lever under the toner bottle to its original position.



AST108S

8. **Close the front cover of the machine.**

Adding Staples

⚠CAUTION

- Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit. You can trap your fingers if you do not.

When "Add staples" appears on the panel display, the staples are almost empty. Follow these steps to replace the staple refill with a new one.

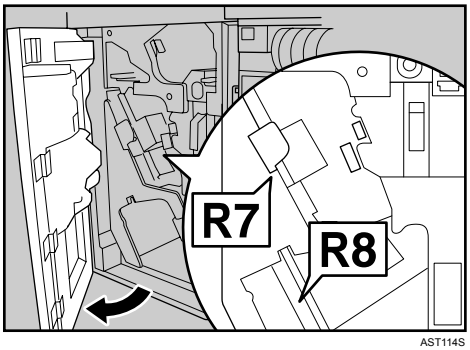
Important

- **Stapling failures or jams may occur if you use a staple cartridge other than that recommended.**

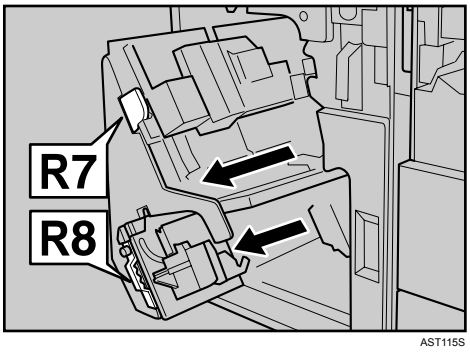
Finisher SR841

The following procedure explains how to add staples to the Finisher SR841.

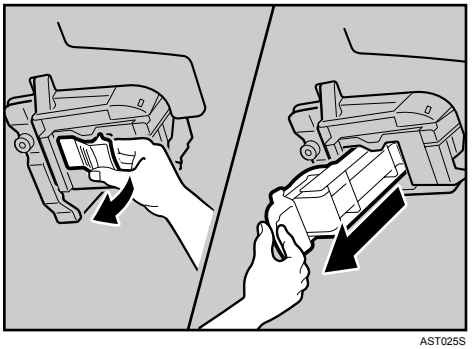
1. **Open the finisher's front cover.**



2. **Pull the lever R7 to slide out the unit, and then pull the lever R8 to slide out the staple unit.**

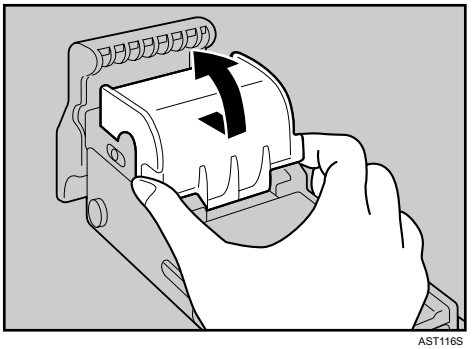


3. **Pull the cartridge gently out of the staple unit.**



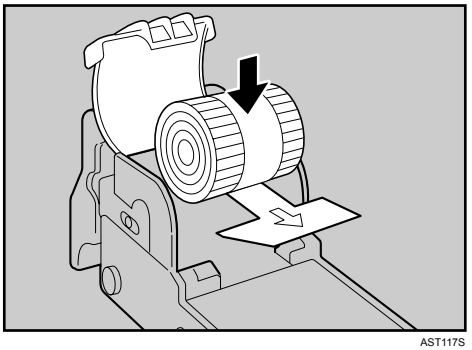
AST025S

4. Raise the cover.

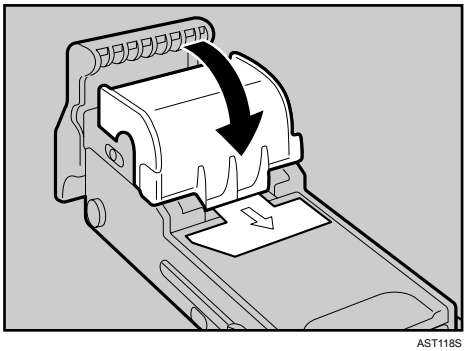


AST116S

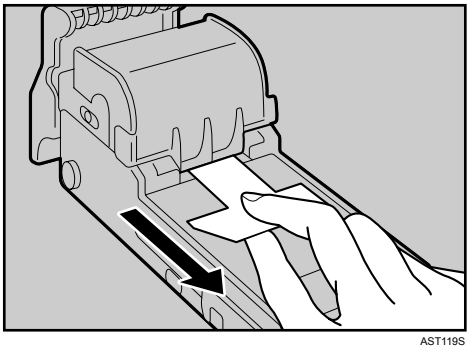
5. Insert the new refill, and then lower the cover until it clicks.



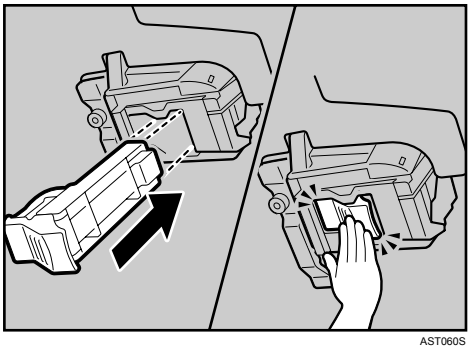
AST117S


AST118S

6. **Pull out the ribbon.**


AST119S

7. **Reinstall the cartridge, pushing it into the unit until it clicks.**


AST060S

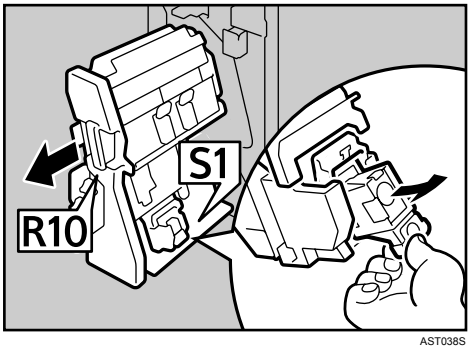
8. **Reinstall the staple unit.**
9. **Close the finisher's front cover.**

Finisher SR4000

The following procedure explains how to add staples to the Finisher SR4000.

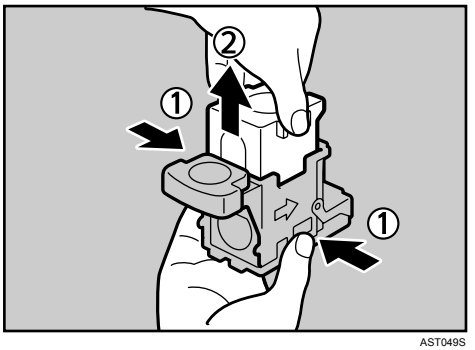
1. **Open the finisher's front cover.**

2. Pull out the staple unit. Pull out the cartridge gently.



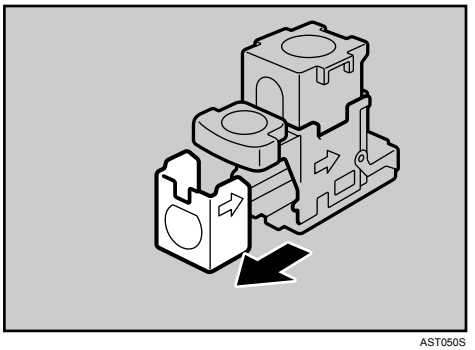
AST038S

3. Hold both sides of the cartridge, and then pull up the upper unit of it.



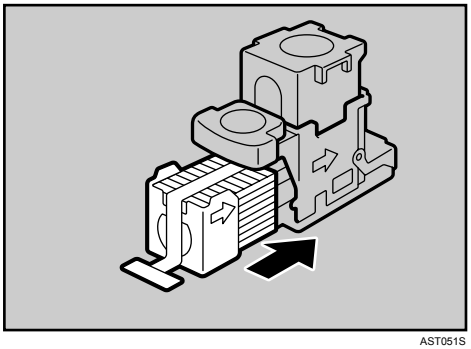
AST049S

4. Take out the empty refill in the arrow direction.



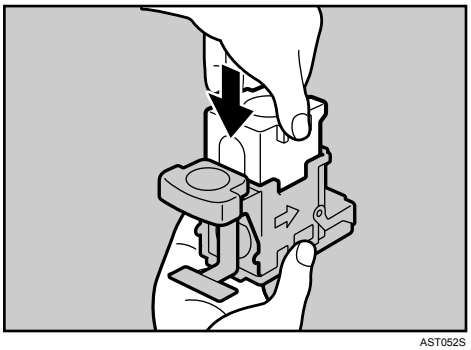
AST050S

5. Align the arrows on the new refill and the cartridge, and then push in the refill until it clicks.



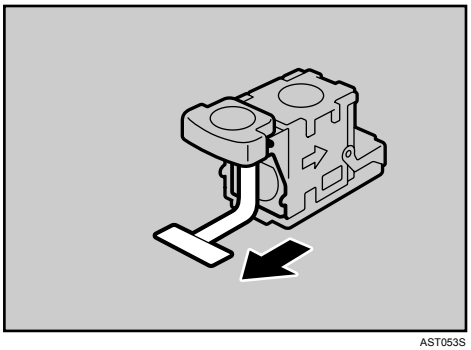
AST051S

6. Gently push down the upper unit into the cartridge.



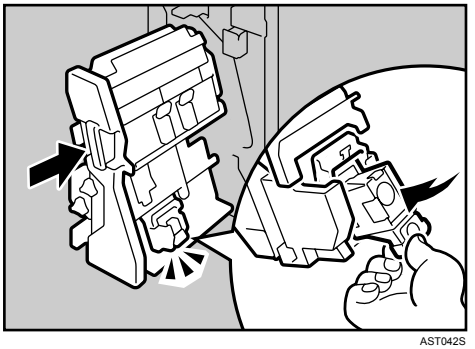
AST052S

7. Pull out the ribbon.



AST053S

8. Hold the green lever while pushing in the cartridge until it clicks.


AST042S

Return the staple unit to its original position.

9. **Close the finisher's front cover.**

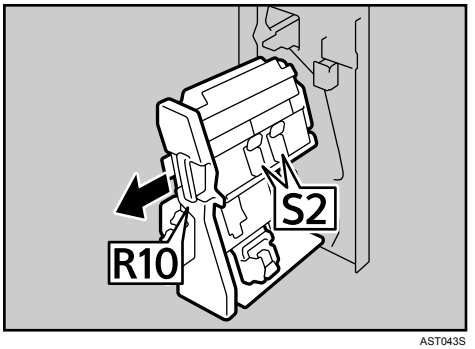
Note

- If you cannot pull out the upper unit, there are staples remaining inside the cartridge. Use all the staples, do not add more.

Finisher SR4000 (Saddle Stitch)

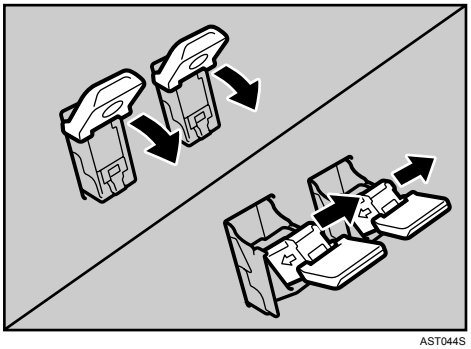
The following procedure explains how to add staples to the Finisher SR4000.

1. **Open the finisher's front cover.**
2. **Pull out the staple unit.**



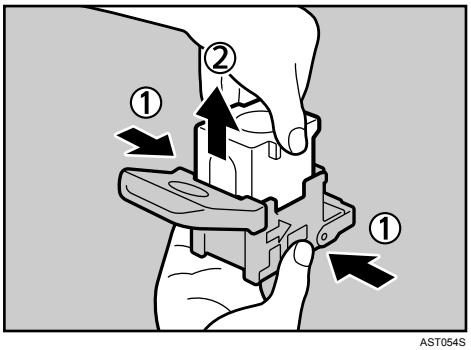
AST043S

3. **Pull the lever S2. Pull out the cartridge gently.**



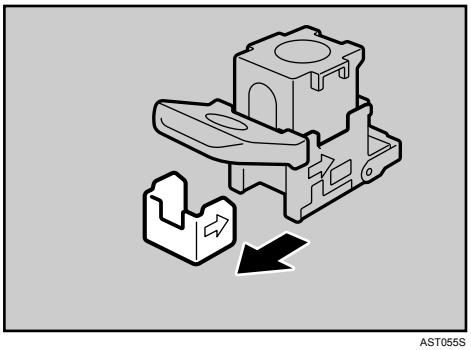
AST044S

4. Hold both sides of the cartridge, and then pull up the upper unit of it.



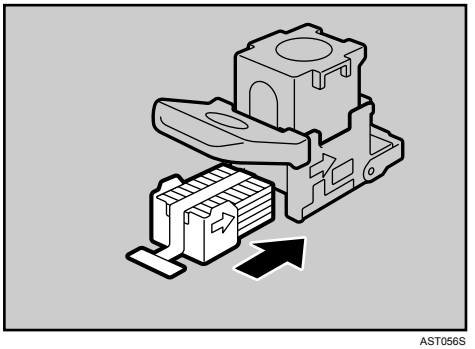
AST054S

5. Take out the empty refill in the arrow direction.



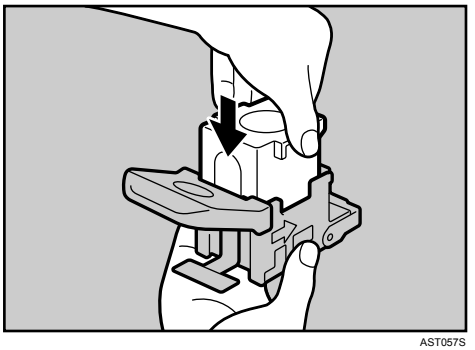
AST055S

6. Align the arrows on the new refill and the cartridge, and then push in the refill until it clicks.



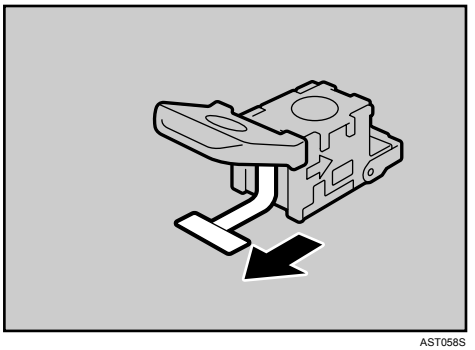
AST056S

7. Gently push down the upper unit into the cartridge.



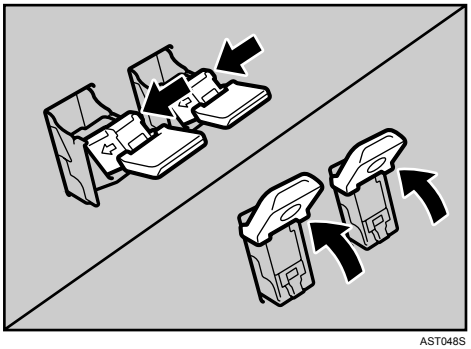
AST057S

8. Pull out the ribbon.



AST058S

9. Hold the green lever while pushing in the cartridge until it clicks. Return the lever S2 to its original position.



Return the staple unit to its original position.

10. **Close the finisher's front cover.**

Note

- If you cannot pull out the upper unit, there are staples remaining inside the cartridge. Use all the staples, do not add more.

8. Cleaning and Adjusting the Printer

Cautions to Take When Cleaning

⚠WARNING

- Do not remove any covers or screws other than those specified in this manual. Some parts of the machine are at a high voltage and could give you an electric shock. Also, if the machine has laser systems, direct (or indirect) reflected eye contact with the laser beam may cause serious eye damage. When the machine needs to be checked, adjusted, or repaired, contact your service representative.
- Do not take apart or attempt any modifications to this machine. There is a risk of fire, electric shock, explosion or loss of sight. If the machine has laser systems, there is a risk of serious eye damage.

Clean the printer periodically to maintain fine printing.

Dry wipe the exterior with a soft cloth. If dry wiping is not enough, wipe with a soft, moist cloth that is wrung out well. If you still cannot remove, use a neutral detergent, and then wipe over with a well-wrung wet cloth, dry wipe, and let it dry.

Important

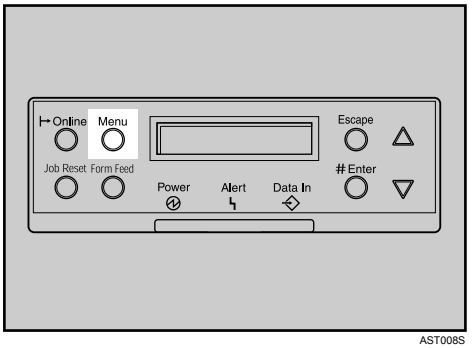
- **To avoid deformation, discoloration, or cracking of surfaces and components, do not use volatile chemicals, such as benzine and thinner, or spray insecticide near the printer.**
- **If there is dust or grime inside the printer, wipe with a clean, dry cloth.**
- **You must disconnect the plug from the wall outlet at least once a year. Clean away any dust and grime from and around the plug and outlet before reconnecting. Accumulated dust and grime pose a fire hazard.**

Adjusting Tray Registration

You can adjust the registration of each tray. Vertical adjustment is used for all trays. Normally, you need not update the registration.

The following explains the procedure for adjusting tray2. The same procedure applies to other trays.

1. **Press the [Menu] key.**



The menu appears on the display.

2. **Press the [▲] or [▼] key to display [Maintenance], and then press the [# Enter] key.**

```
Menu:
 Maintenance
```

The maintenance menu appears.

3. **Press the [▲] or [▼] key to display [Registration], and then press the [# Enter] key.**

The registration menu appears.

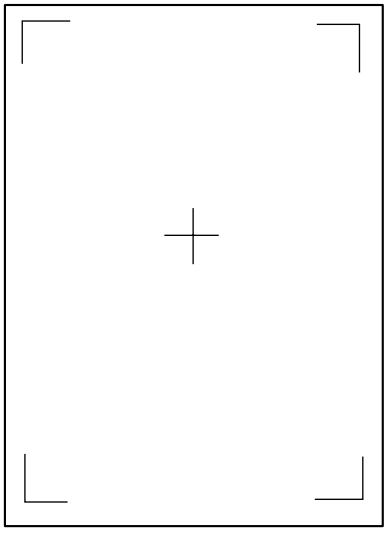
4. **Print the test sheet to preview the settings. Confirm that [Prt. Test Sheet] is displayed, and then press the [# Enter] key.**

A screen prompting you to select the tray to be adjusted appears.

5. **Press the [▲] or [▼] key to select the tray to adjust, and then press the [# Enter] key.**

```
Prt. Test Sheet:
 Tray 2
```

Confirm the position of the image on the test sheet, and then adjust the registration value.



6. **Press the [Escape] key.**
7. **Press the [▲] or [▼] key to display [Adjustment], and then press the [# Enter] key.**
8. **Press the [▲] or [▼] key to display the adjusting value, and then press the [# Enter] key.**

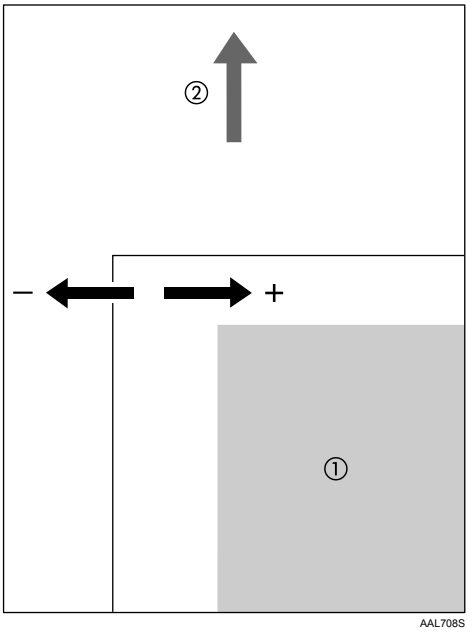
```
Adjustment:
 Hori.:All Trays
```

```
Adjustment:
 Vert.:Tray 2
```

9. **Press the [▲] or [▼] key to set the registration value (mm).**

```
Vert.:Tray 2:
(-9.0 +9.0)   0.0
```

Increase the value to shift the print area in the positive direction, and decrease to shift in the negative direction.



(1): Print Area

(2): Feed Direction

Pressing the [▲] or [▼] key makes the value increase or decrease by 1.0 mm steps.

10. **Press the [# Enter] key.**
11. **Press the [Escape] key.**

    The display returns to the [Adjustment] menu.

```
Registration:
 Adjustment
```

12. **Press the [▲] or [▼] key to display [Prt. Test Sheet], and then press the [# Enter] key.**

    Confirm the adjustment result.

13. **Print the test sheet.**
14. **Press the [Online] key.**

    The initial screen appears.

Note

- Pressing the [▲] or [▼] key increases or decreases the value in increments of 1.0 mm.

9. Troubleshooting

Error & Status Messages on the Display Panel

This section describes the main messages that appear on the panel display. If a message that is not described here, follow its instructions.

Status Messages

Ready

This is the default ready message. The machine is ready for use. No action is required.

Processing...

The machine is printing. Wait a while.

Waiting...

The machine is waiting for the next data to print. Wait a while.

Offline

The machine is offline. To start printing, switch the machine to online by pressing [Offline] on the display panel.

Warming up...

The machine is preparing the development unit. Wait a while.

Energy Save Mode

In Energy Saver Mode Level 2. No action is required.

Resetting Job...

The machine is resetting the print job. Wait until [Ready] appears on the display panel.

Setting change in process

The machine is changing settings. Wait a while.

Suspending...

All jobs in the machine are suspended. Wait a while.

Hex Dump Mode

In the hex dump mode, the machine receives data in hexadecimal format. Turn off the machine after printing, and then turn back on.

Message (in alphabetical order)

Add staples

The printer is out of the staple.

- Add staples, cancel staples mode or cancel the job.
- See p.81 .

Add staples (Booklet)

Both staplers of the Booklet Finisher is out of staples.

- Add staples to the both staplers of the Booklet Finisher.
- See p.81 .
- Alternatively, cancel the staple mode using [Form Feed], or cancel the job.

Add staples (Booklet: Back)

The back stapler of the Booklet Finisher is out of staples.

- Add staples to the back stapler of the Booklet Finisher.
- See p.81 .
- Alternatively, cancel the staple mode using [Form Feed], or cancel the job.

Add staple (Booklet: Front)

The front stapler of the Booklet Finisher is out of staples.

- Add staples to the front stapler of the Booklet Finisher.
- See p.81 .
- Alternatively, cancel the staple mode using [Form Feed], or cancel the job.

Add Toner

The printer is out of toner.

- Replace the toner bottle.
- See p.81 .

Call Service: EC Power Off On/Call Service if error reoccurs

A communication error was sent from the engine to the controller.

- Turn the power switch to Standby, and then to ON. If the message appears again, call your sales / service representative.

Cannot check Signal in Ad hoc

An attempt to check the radio signal was made while the communication mode was set to [802.11 Ad hoc] in the [Maintenance] menu.

- To check the radio signal, select Infrastructure in the communication mode settings.

Cannot duplex Tray

The selected tray is set to 1 sided tray when duplex mode is set.

- Cancel duplex mode. Alternatively, select another tray using [Form Feed], or cancel the job.

Cannot select same Tray for: / Main sheet and Designate:

The main sheets and designation sheets are set to the same tray.

- Press the [Reset] key.
- Cancel the job and change the setting for the Main sheet tray and designation sheet tray, and then try printing the job again.

Change Setting Tray #/Paper Size: Paper Type

The printer detected that the actual paper type was not the same as the paper tray size and paper type setting.

- Load the indicated tray with the correct paper, or change the paper type/size using the dial or using the [Paper Input] menu on the operation panel. Alternatively, select another tray using [Form Feed], or cancel the job.

Close Finisher Front Cover

The finisher front cover is open.

- Close the finisher front cover.

Close Front Cover

The front cover is open.

- Close the front cover.

DHCP assigned Cannot change

An attempt to change the IP address, subnet mask or gateway address was made while [DHCP] was set to [On].

- Make the change after setting [DHCP] to [Off].
- See p.39 "Ethernet Configuration".

Empty Punch Receptacle

Punch hole receptacle is full.

- Remove the punch-hole chips from the punch receptacle.
- Alternatively, disable the punch settings.
- See p.124 "Removing Punch Waste".

Error: Tray # Form Feed

There is a problem with the tray.

- Turn the power switch to Standby, and then to On. If the message appears again, call your sales / service representative.

Error: Enter 10 or 26 characters

The entered number of characters for the WEP Key (ASCII entry) is incorrect.

- Enter the correct WEP key.
- See p.47 "IEEE 802.11b (Wireless LAN) Configuration".

Error: Enter 5 or 13 characters

The entered number of characters for the WEP Key (ASCII entry) is incorrect.

- Enter the correct WEP key.
- See p.47 "IEEE 802.11b (Wireless LAN) Configuration".

Error: Tray # or Form Feed

The selected tray is out of order.

- Select another tray using [Form Feed], or after canceling the job, turn the power switch to Stand by, and then to On the power switch. If the error appears again, call your sales / service representative.

Hardware Problem Ethernet

The printer detected an ethernet error.

- Turn the power switch to Stand by, and then to On. If the message appears again, call your sales / service representative.

Hardware Problem Finisher

Finisher is not functioning.

- Turn the power switch to Standby, and then to On. If the message appears again, call your sales / service representative.

Hardware Problem Fin. Shift Tray

The Finisher Shift Tray has a problem when using shift function.

- Call your sales / service representative.

Hardware Problem HDD

The printer identified an HDD Board error.

- Call your sales / service representative.

Hardware Problem Interposer

The interposer has a motor problem.

- Turn the power switch to Stand by, and then to On. If the message appears again, call your service provider.

Hardware Problem LCT

LCT has a problem with the transfer motor.

- Turn the power switch to Stand by, and then to On. If the message appears again, call your sales/ service representative.

Hardware Problem Parallel I/F

The printer identified a parallel interface error.

- Turn the power switch to Standby, and then to On.
- Also, check the correct interface cable being used.
- If the message appears again, call your service provider.

Hardware Problem Printer font

The printer identified a printer font file error.

- It is necessary to replace the print module.

Hardware Problem Staple Unit

The Staple Unit is not functioning.

- Call your service provider.

Hardware Problem USB

The printer identified a USB I/F Board error.

- Turn the power switch to Stand by, and then to On. If the message appears again, call your service provider.

Hardware Problem Wireless Board

Access to the IEEE 802.11b board is possible, but an error was detected.

- Check that the board is installed correctly. If the message appears again, call your sales / service representative.

Invalid Password Try again

The invalid password was entered and Locked Print is incorrect.

- Enter the correct password.

Load Paper Tray # / Paper Size: Paper type:

No paper remaining in the indicated tray.

- Load the indicated tray with the paper or select another tray using [Form Feed], or cancel the job.

Load Paper: Tray # or Form Feed

The printer detected that the actual paper type and size in all trays were not the same as the paper tray size and paper type setting when the Auto Paper Select mode is selected.

- Load the tray with the correct paper or change the paper type/size using the dial or using the Paper Input menu on the control panel. Alternatively, select another tray using [Form Feed], or cancel the job.

Low Toner remaining

The printer is almost out of toner.

- Prepare a new toner bottle.
- You can print until [Add Toner] appears.

Menu Protected Cannot change

The operation panel has been digitally locked, and settings cannot be changed.

- This alert message is displayed for 2 seconds before returning to the previous panel display screen.

No Files exist

There are no files available for Sample Print or Locked Print.

- Check the error list to identify the files unavailable for printing.

Open Front Cover Reset B2 Lever

B2 lever is not set correctly

- Open the front cover, then reset the B2 lever correctly.

P=XX I=XXXXXXXX Power Off On/Call Service if error reoccurs

Controller error. The SC number indicates the problem.

- Turn the power switch to Stand by, and then to On. If the message appears again, call your sales / service representative. Report the error code that appears.

RC Gate connection error

The printer cannot communicate with Remote Communication Gate.

- Call your sales / service representative.

Remove Misfeed A,U: Internal

Paper is jammed in the specified input paper tray or LCT.

- Open the front or LCT cover, and then remove jammed paper.
- See p.127 "Remove Misfeed A, U: Internal".

Remove Misfeed B-F: Internal

Paper is jammed in the internal paper feed path.

- Open the front cover and remove jammed paper.
- See p.130 "Remove Misfeed B-F: Internal".

Remove Misfeed Q: Interposer

Paper is jammed in the Interposer.

- Remove paper from the Interposer, and then reload paper.
- See p.135 "Remove Misfeed Q: Interposer".

Remove Misfeed R: Finisher

Paper is jammed in the finisher.

- Open the finisher cover and remove jammed paper.
- See p.137 "Remove Misfeed R: Finisher".

Remove Paper inside Duplex

Paper is left in the Duplex unit.

- Open Duplex unit cover and remove paper.

Remove Paper Booklet Tray

Finisher Booklet Tray is full of paper.

- Remove paper.

Remove Paper Fin. Shift Tray

Finisher Shift Tray is full of paper.

- Remove paper.

Remove Paper Fin. Upper Tray

The Finisher Upper tray is full of paper.

- Remove paper.

Remove Paper inside Finisher

Paper is left in Finisher.

- Open the Finisher cover and remove paper.
- See p.137 "Remove Misfeed R: Finisher".

Remove Paper inside Finisher

Paper is left in Finisher. (Booklet)

- Open the Finisher cover and remove paper.
- See p.137 "Remove Misfeed R: Finisher".

Replace Charger Unit

It is time to replace the Charger.

- Call your sales / service representative as soon as possible.

Replace Cleaning web soon

Cleaning web is almost worn out.

- Call your sales / service representative as soon as possible.

Replace Development Unit

It is time to replace the Development Unit.

- Call your sales / service representative as soon as possible.

Replace Fusing Unit

It is time to replace the Fusing Unit.

- You can still print even if this message appears, but to ensure a good standard of printing, call your sales / service representative as soon as possible.

Replace PCU

It is time to replace the Photoconductor Unit.

- Call your sales / service representative as soon as possible.

Replace Transfer Belt

It is time to replace the Transfer Belt.

- Call your sales / service representative as soon as possible.

Replace Waste Toner (TypeE)

It is time to replace the waste toner.

- Call your sales / service representative.

Reset Tray # correctly

The indicated paper input tray is not set correctly, or is not set.

- Set the indicated paper input tray correctly.

Reset Tray # or Form Feed

There is a problem with the tray.

- Load the tray with the correct paper or change the paper type/size using the dial or via the Paper Input menu on the operation panel. Alternatively, select another tray using [Form Feed], or cancel the job.

SC XXX-X Power Off On/Call Service if error reoccurs

The Service Code or SC number indicates the problem.

- Turn the power switch to Standby, and then to On.
- If the message appears again, call your service provider. Report the error code that appears.

SD authenticatn. failed

Authentication from the SD card has failed.

- Turn the power switch to Stand by, and then to On. If the message is displayed again, call your sales / service representative.

SSID not entered

Wireless LAN's SSID is not entered.

- Enter the SSID of the wireless LAN.
- See p.47 "IEEE 802.11b (Wireless LAN) Configuration".

Supply order failed

Call for supply order has failed.

- Call your sales / service representative.

Suspend/Resume was pressed

The Suspend/Resume button on the finisher was pressed.

- Press the button again to resume printing.

Waste Toner is almost full

Waste toner bottle is almost full.

- Call your sales / service representative.

When Call-light Is Lit or Blinking

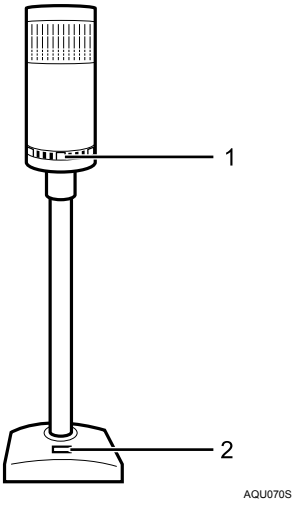
⚠CAUTION

- Do not push or pull the call-light when installed to the printer. Doing so may result in damage or malfunction of the call-light or the printer.

The Call-light notifies the user by light and buzzer when there is a paper jam or no paper is left.

The colors of the lamp and their meanings are as follows:

The Lamp Status (Buzzer)	Meanings
Green light (No buzzer)	Printing
Red light (Buzzer)	Error occurred (Example) • Paper jam • Out of paper • Memory overflow Read the message on the control panel and take appropriate action.
Red blinking (no buzzer)	Warning (Example) • Toner level low • Waste toner bottle is almost full Read the message on the control panel and take appropriate action.



1. **Use the lever to adjust the volume.**
2. **Push the lever to switch the buzzer on/off.**

When the Machine does Not Print

If the printing does not start even with printing instructions, check the following.

Is the power on?

Check the power cord is securely plugged into both power outlet and machine.

Turn on the power switch.

Is the machine online?

If not, press [Online] on the control panel.

Does the printer function status indicator remain red?

If so, check the error message on the display panel and take appropriate action.

Is the paper set?

Set the paper in the paper tray.

Can you print a configuration page?

If you cannot print a configuration page, there maybe a machine malfunction. Contact your sales or service representative.

See for printing a configuration page.

Is the interface cable connected securely to the machine and computer?

Connect the interface cable securely. If it has a fastener, fasten it also.

Are you using the correct interface cable?

The type of interface cable you should use depends on the computer. Be sure to use the correct one. If the cable is damaged or worn, replace it.

Is the signal status satisfactory when using wireless LAN?

When using wireless LAN in the ad hoc mode or the 802.11b ad hoc mode, move the machine to a location where radio waves can pass or remove objects that might cause interference.

When using wireless LAN in the infrastructure mode, check signal status using the [Maintenance] menu on the control panel. If signal quality is poor, move the machine to a location where radio waves can pass or remove objects that might cause interference.

Is the Call-light blinking or lit?

If a Call-light is installed, it notifies you of any errors that occur during printing via its light. Check if the Call-light is blinking or lit, and solve any errors. See p.104 "When Call-light Is Lit or Blinking".

If the problem cannot be resolved, contact your sales or service representative.

Checking the port connection

When the printer is directly connected via computer cable and the data-in indicator does not flash or light up, port connection should be configured as follows:

- For parallel connection, set port LPT1 or LPT2.
- For a USB connection, set port USB00 (n).

  (n) is the number of printers connected.

Windows 95/98/Me

1. Click the [Start] button, point to [Settings], and then click [Printers].
2. Click the icon of the machine. On the [File] menu, click [Properties].
3. Click the [Details] tab.
4. In the [Print to the following port:] list, confirm the correct port is selected.

Windows 2000

1. Click the [Start] button, point to [Settings], and then click [Printers].
2. Click the icon of the machine. On the [File] menu, click [Properties].
3. Click the [Ports] tab.
4. In the [Print to the following port(s)] list, confirm the correct port is selected.

Windows XP Professional, Windows Server 2003

1. Click the [Start] button, and then click [Printers and Faxes].
2. Click the icon of the machine. On the [File] menu, click [Properties].
3. Click the [Ports] tab.
4. In the [Print to the following port(s)] list, confirm the correct port is selected.

Windows XP Home Edition

1. Click the [Start] button, click [Control Panel].
2. Click the [Printers and Other Hardware].
3. Click the [Printers and Faxes].
4. Click the icon of the machine. On the [File] menu, click [Properties].
5. Click the [Ports] tab.
6. In the [Print to the following port(s)] list, confirm the correct port is selected.

Other Printing Problems

If the printed image is differs from the computer's instructions, check the following:

Toner smears appear on the print side of the page.

- The paper setting may not be correct. For example, although you are using thick paper, the setting for thick paper may not be set.
- Check the paper settings. See p.63 "Loading Paper".
- Check the printer driver's paper settings. See the printer driver Help.
- Check that the paper is not curled or bent. 11 × 17 sized paper curls easily. Flatten paper before loading.

The printed image differs from the image on the computer's display.

- With certain functions, such as enlargement and reduction, image layout may differ to that on the computer display.
- You may have selected to replace True Type fonts instead of machine fonts in the printing process. To print an image similar to that of the computer display, set True Type fonts to print as an image. See the printer driver Help.

Strange characters appears on the print image.

- You may have not You may have not selected a proper printer language. Select [Printer Lang.] in the [System] menu.

Images are cut off, or excess is printed.

- You may be using paper smaller than the size selected in the application. Use the same size paper as that selected in the application. If you cannot load paper of the correct size, use the reduction function to reduce the image, and then print it. See the printer driver Help.

Photo images are coarse.

- Some applications reduce print resolution.

Fine dot pattern does not print.

- Make the following settings using the printer driver:

  On the RPCS printer driver's [Print Quality] tab, open the [Change User Settings] dialog box, and then on the [Image Adjustments] tab, change the [Dithering:] setting.

  To enable [Change User Settings...], select the [User Settings] check box.

Solid lines are printed as broken lines.

- Make the following settings using the printer driver:

  On the RPCS printer driver's [Print Quality] tab, open the [Change User Settings] dialog box, and then on the [Image Adjustments] tab, change the [Dithering:] setting.

Areas of image are missing or blurred.

- Paper is damp. Use paper that has been stored properly.
- Toner is almost empty. When the "Add Toner" or "Low Toner remaining" message appears on the display panel, replace the toner bottle.
- Due to a sudden temperature change, condensation may appear inside the printer, reducing print quality. If this happens, do not use the printer until it acclimatizes.

The whole print out is blurred.

- Paper is damp. Use paper that has been stored properly.
- If you select [Toner Saving] on the [Print Quality] tab in the printer properties dialog box, printing is generally less dense. See printer driver Help.
- Toner is almost empty. When the "Add Toner" or "Low Toner remaining" message appears on the display panel, replace the toner bottle. See p.77 "Replacing the Toner bottle".
- Due to a sudden temperature change, condensation may appear inside the printer, reducing print quality. If this happens, do not use the printer until it acclimatizes.

White streaks appear

- Toner is almost empty. When the "Add Toner" or "Low Toner remaining" message appears on the display panel, replace the toner bottle. See p.77 "Replacing the Toner bottle".

The backs of printed sheets are blemished.

- When removing a jammed sheet, the inside of the printer may have become dirtied. Print several sheets until they come out clean.
- If document size is larger than paper size, e.g. A4 document on B5 paper, the back of the next printed sheet may be dirtied.

Ink smears if rubbed.

- Paper settings may not be correct. For example, although thick paper is used, the setting for thick paper may not be made.

  Check the printer's paper settings. See p.63 "Loading Paper".

  Check the printer driver's paper settings. See the printer driver Help.
- The fusing unit is deteriorated or damaged. Replace the unit. Contact your service representative.

PDF Direct Print is not executed (PDF files do not print).

- When printing a password-protected PDF file, set the password of the PDF file using the [PDF Menu] or Web Image Monitor.
- PDF files not allowed to be printed by the PDF file security setting cannot be printed.

As a result of PDF Direct Printing, characters are missing or appears different.

- Before printing, embed the font in the PDF file to be printed.

The paper size appears on the control panel and printing is not performed using PDF Direct Print.

- When using PDF Direct Print, printout requires paper set within the PDF file. When a message indicating a paper size appears, either place the indicated size in the paper tray, or perform Form Feed.

Images are cut off, or excess pages are printed.

- Load paper properly. See p.63 "Loading Paper".
- Adjust the registration of the paper trays. See p.92 "Adjusting Tray Registration".

When a paper misfeed occurs

Paper jams occur frequently.

- Number of sheets set in the tray exceeds the limit. Check that the top of the stack is not higher than the limit mark inside the tray. See p.63 "Loading Paper".
- There may be a gap between the side guide and the paper, or between the end guides and the paper in the paper tray. Make sure there are no gaps.
- The side guide in the paper tray may not be properly locked. Make sure that the side guide is locked. See p.63 "Loading Paper".
- The end guide in the paper tray may not be properly locked. Make sure that the end guide is locked. See p.63 "Loading Paper".
- Paper is either too thick or too thin. Use the recommended paper.
- Paper is bent or wrinkled.
- Paper has already been printed on.
- Paper is damp. Use paper that has been stored properly.
- Fan the paper thoroughly before loading.

Paper jams occur frequently in the duplex unit.

- The screws in the duplex unit may not be set properly. Contact your sales service representative.

Multiple pages are fed at once.

- There may be a gap between the front guide and the paper, or between the side guides and the paper in the paper tray. Make sure there are no gaps.
- Paper is either too thick or too thin. Use the recommended paper.
- Paper has already been printed on.
- Number of sheets set in the tray exceeds the limit. Check the top of the stack is not higher than the limit mark inside the tray.
- Static is causing sheets to stick together. Use paper that has been stored properly.
- Fan the paper thoroughly before loading.

Paper gets wrinkles.

- Paper is damp. Use paper that has been stored properly.
- Paper is too thin. Use recommended paper.
- There may be a gap between the side guide and the paper, or between the end guides and the paper in the paper tray. Make sure there are no gaps.
- The fusing unit is deteriorated or damaged. Replace the unit. Contact your service representative

Paper is not fed from the selected tray.

- If you are using a Windows operating system, the settings made using the printer driver have priority over the display panel. Set the desired input tray using the printer driver.

It takes too much time to resume printing.

- The data is so large or complex that it takes time to process. If the **Data In** indicator is blinking, data is being processed. Simply wait until printing resumes.

It takes a long time to complete a print job.

- Photographs and other data intensive documents take a long time for the machine to process, so simply wait when printing such data.
- Changing the following settings with the printer driver may help speed up printing:

PCL 6/5e

Select the lowest value for [Resolution] on the [Print Quality] tab in the printer properties dialog box.

PostScript 3

Set a lower value for [Resolution]. The location of this setting is given below.

If your operating system is Windows, in [Postscript Output Option], select [PostScript (optimize for speed)]. [PostScript Output Option] is located as follows:

- Windows 95/98/Me

  In the printer properties dialog box, [Print Quality] tab.

- Windows 2000/XP, Windows 2003 Server

  In the printer properties dialog box, on the [Paper Quality] tab, [Advanced...], [Postscript Option], [Postscript Output Option].

- Mac OS 9.x

  In the print dialog box, [Printer Specifications].

- Mac OS X

  In the print dialog box, [Printer Features], [Set 3 tab].

If you use Windows, select [PostScript (optimize for speed)]

- Windows 95/98/Me

  In the printer properties dialog box, on the [PostScript] tab, [PostScript output format:].

- Windows 2000/XP, Windows Server 2003

In the printer properties dialog box, on the [Print Quality] tab, [Advanced...], [Postscript Option], [Postscript Output Option].

RPCS

In the printer properties dialog box, on the [Print Quality] tab, click the [Change User Settings...] dialog box, [Image Adjustments] tab, and then select the lowest value for [Resolution:].

In the printer driver's dialog box, on the [Print Quality] tab, in the [Print Priority] list, select [Speed].

To enable [Change User Settings...], select the [User Settings] check box.

In the printer properties dialog box, on the [Print Quality] tab, in the [Document type] list, select [Fast].

- See the printer driver Help.
- The data is so large or complex that it takes time to process. If the **Data In** indicator is blinking, data is being processed. Simply wait until printing resumes.

If the problem cannot be resolved, contact your sales or service representative.

Additional Troubleshooting

Troubles related to the printer functions.

Strange noise.

- If the strange noise is heard from the place where a supply has been replaced or an option has been installed recently, check the supply or option is properly installed. If the strange noise persists, contact your sales or service representative.

No e-mail received when an alert occurs, and after resolving an alert.

- Access the printer through the Web browser, log on as an Administrator on the Web Image Monitor, and then confirm the following settings in [Auto E-mail Notification]:

  Device E-mail Address

  Groups to Notify

  Select Groups/Items to Notify

  For details about the settings, see Web Image Monitor Help.
- Access the printer through the Web browser, log on as an Administrator on the Web Image Monitor, and then confirm the settings of the SMTP server in [E-mail].
- If the power is switched to standby before the e-mail is transmitted, the e-mail will not be received.
- Check if the e-mail address is set for the correct destination.
- Check the printer's operation history using the Web Image Monitor's System Log menu in [Network]. If the e-mail was sent but not received, the destination may be incorrect.
- Also check the information concerning error mail from the e-mail server.

Error notification e-mail was received, but no error-solved e-mail is received.

- Check e-mail is set for sending using the Web Image Monitor's [Auto E-mail Notification] at the time the error was fixed.
- Click the [Edit] button of [Detailed Settings of Each Item] in [Auto E-mail Notification], and set [Notify when error:] to [Occurs & Fixed] on the displayed screen.

Alert Resolving is set for sending e-mail, but no Alert-resolved e-mail is sent.

- If the power of the main unit is turned Stand by after an Alert occurs, the Alert is resolved during the time the power is off: no Alert-resolved e-mail is sent.

Alert Occurrence and Alert Resolving are set for sending e-mail, but while no Alert Occurrence mail is received, Alert-resolved e-mail is received.

- Alert-notification e-mail is not sent if the problem is resolved before sending. However, an Alert-resolved e-mail is sent.

Alert-notification level was changed, and e-mail stopped arriving.

- If an Alert-notification e-mail, set with the earlier notification level, arrives, later e-mail will not be sent, even if the notification level is changed after.

When no date information is included in sent e-mail, the mail server has a malfunction.

- Set to obtain time information from the SNTP server. Refer to the Web Image Monitor's Help for the appropriate settings.

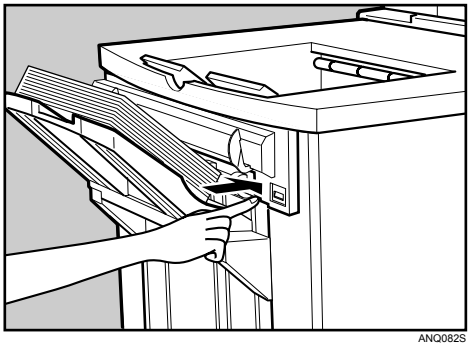
If the problem cannot be resolved, contact your sales or service representative.

Pausing Print When Using Finisher

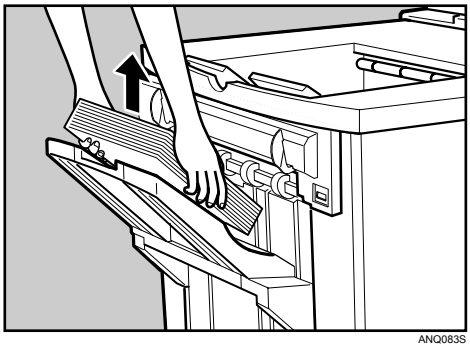
You can pause a large volume of prints when using Finisher.

1. **Press the [Suspend/Resume] key.**

   The key lights up.



2. **Remove the stack of paper from the finisher shift tray.**



3. **Press the [Suspend/Resume] key.**

   The key turns off, and then copying restarts.

Note

- You can suspend copy only when the output tray is specified as the finisher shift tray.

Removing Jammed Staples

⚠CAUTION

- Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit. You can trap your fingers if you do not.

If the "Add staples" message appears, when there are some more staples are left, or if your documents are not stapled at all despite being set for staples, staple jams might have occurred.

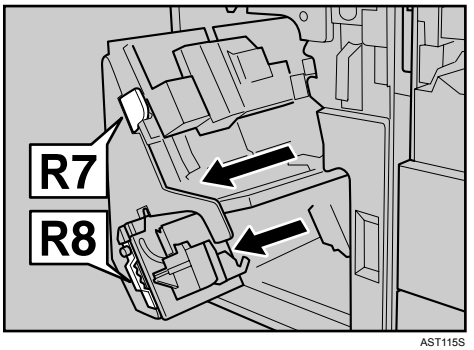
Important

- **Staples might be jammed because of curled paper. In this case, try turning the paper over in the tray.**
- **After removing the jammed staples, staples might not be ejected for the first few times.**

Finisher SR841

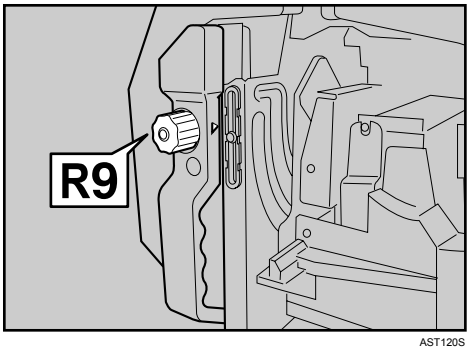
The following procedure explains how to remove jammed staples from the Finisher SR841.

1. **Open the finisher's front cover.**
2. **Pull the lever R7 to slide out the unit, and then pull the lever R8 to slide out the staple unit.**



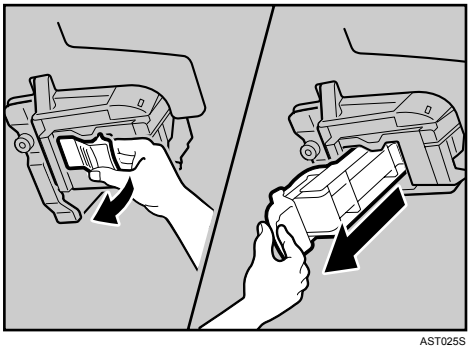
AST115S

3. **Turn the knob R9 to adjust ▷ to the scale.**



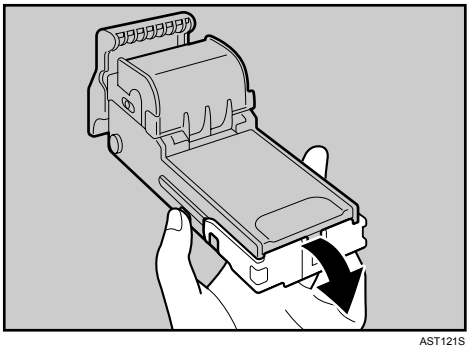
AST120S

4. Pull the cartridge gently out of the staple unit.



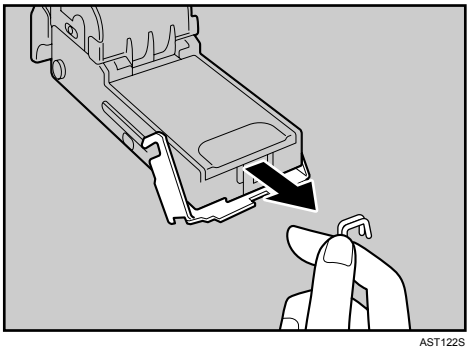
AST025S

5. Push the buttons on either side of the cartridge and open the plate.



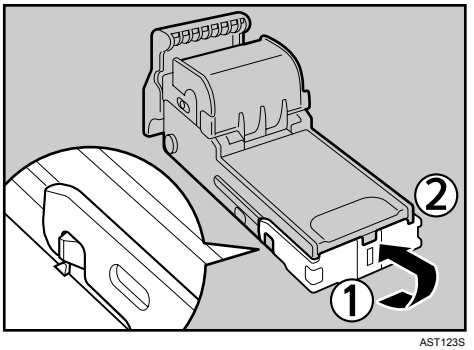
AST121S

6. Remove the jammed staples.



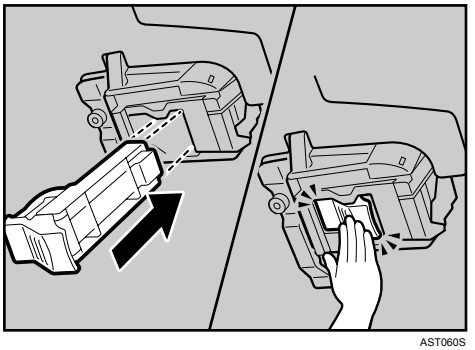
AST122S

7. Pull the plate facing down until it clicks.



AST123S

8. **Reinstall the cartridge, pushing it into the unit until it clicks.**


AST060S

9. **Return the staple unit to its original position.**
10. **Close the finisher's front cover.**

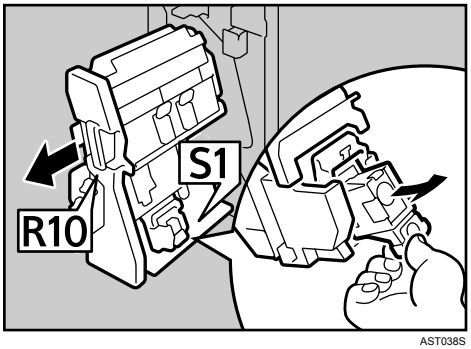
Note

- Warped paper may cause repeated staple jams. In this case, load the paper upside down.
- When removing jammed staples, staples might not be ejected the first few times you try to use the stapler.

Finisher SR4000

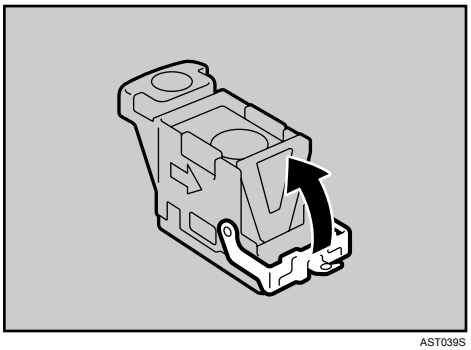
The following procedure explains how to remove jammed staples from the Finisher SR4000.

1. **Open the finisher's front cover.**
2. **Pull out the staple unit. Pull out the cartridge gently.**



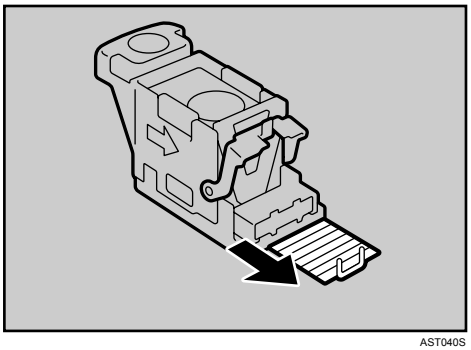
AST038S

3. Open the face plate of the cartridge.



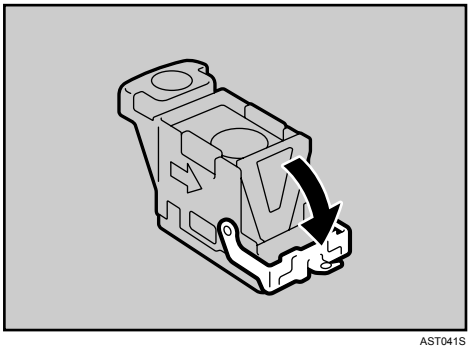
AST039S

4. Remove the jammed staples.



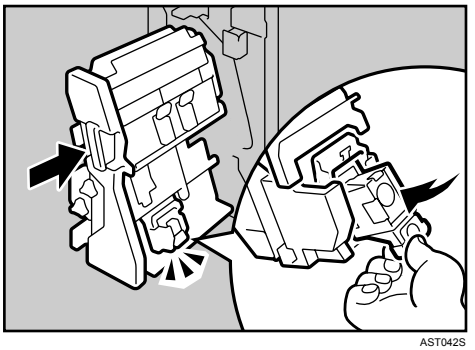
AST040S

5. Pull the face plate down until it clicks.



AST041S

6. **Hold the green lever while pushing in the cartridge until it clicks.**



AST042S

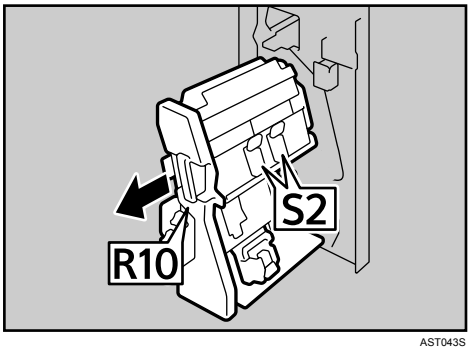
Return the staple unit to its original position.

7. **Close the finisher's front cover.**

9 Finisher SR4000 (Saddle Stitch)

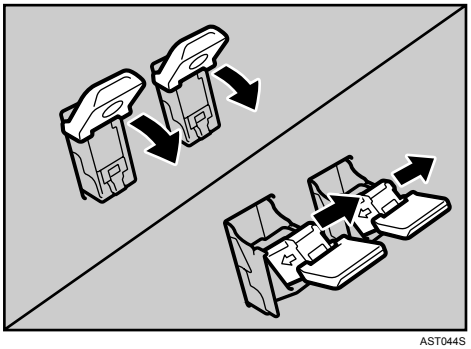
The following procedure explains how to remove jammed staples from the Finisher SR4000.

1. **Open the finisher's front cover.**
2. **Pull out the staple unit.**



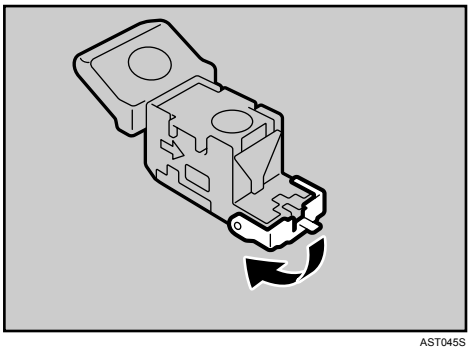
AST043S

3. Pull the lever S2. Pull out the cartridge gently.



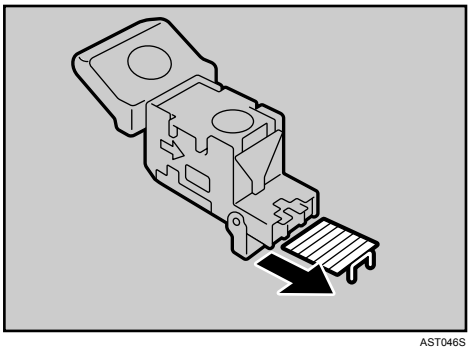
AST044S

4. Open the face plate of the cartridge.



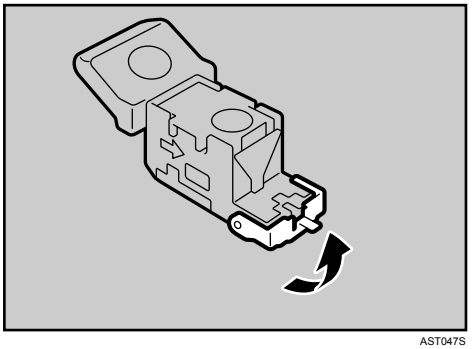
AST045S

5. Remove the jammed staples.



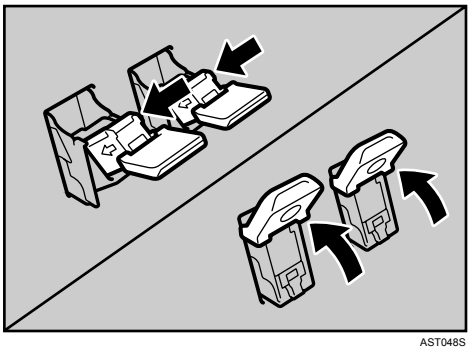
AST046S

6. Pull the face plate up until it clicks.



AST047S

7. **Hold the green lever while pushing in the cartridge until it clicks. Return the lever S2 to its original position.**



AST048S

Return the staple unit to its original position.

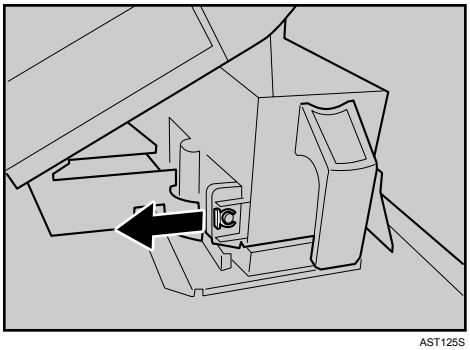
8. **Close the finisher's front cover.**

Removing Staple Waste

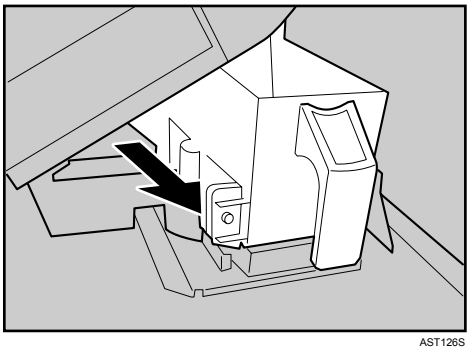
1. Open the finisher's front cover.

AST124S

2. Release the stopper from the staple waste box, and then pull it gently out.



AST125S



AST126S

3. Empty the box.
4. Reinstall the staple waste box, and then reposition the stopper.
5. Close the finisher's front cover.

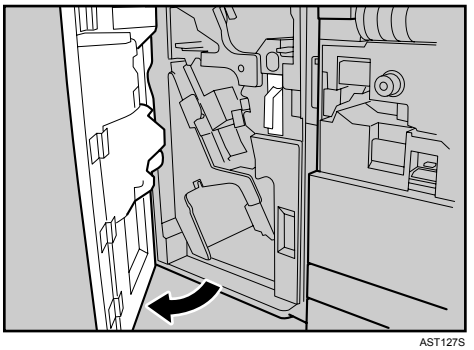
Removing Punch Waste

When the "Empty Punch Receptacle" message appears, you cannot use the Punch function.

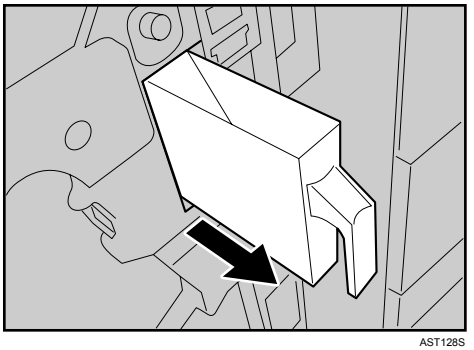
Finisher SR841

The following procedure explains how to remove punch wastes from the Finisher SR841.

1. **Open the finisher's front cover.**



2. **Pull out the punch waste box carefully, and then remove punch waste.**



3. **Reinstall the punch waste box.**

   If you do not, the "Empty Punch Receptacle" message remains displayed.

4. **Close the finisher's front cover.**

   The "Empty Punch Receptacle" message disappears.

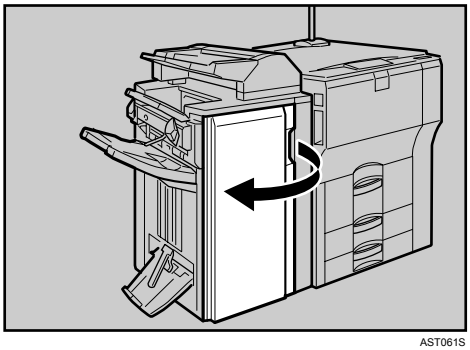
Note

- If the message remains displayed, reinstall the punch waste box.

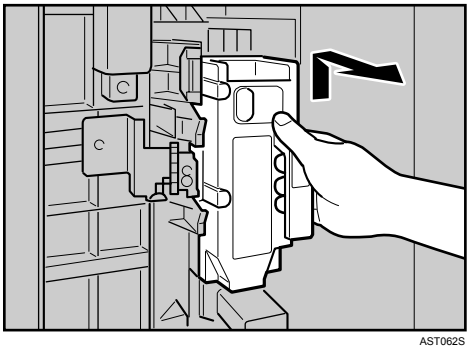
Finisher SR4000

The following procedure explains how to remove punch wastes from the Finisher SR4000.

1. **Open the finisher's front cover.**



2. **Pull out the punch waste box carefully, and then remove punch waste.**



3. **Reinstall the punch waste box.**

   If you do not, the "Empty Punch Receptacle" message remains displayed.

4. **Close the finisher's front cover.**

   The "Empty Punch Receptacle" message disappears.

Note

- If the message is still displayed, reinstall the punch waste box.

10. Removing Misfed Paper

Removing Misfed Paper

An error message appears if a paper misfeed occurs. The error message gives the location of the misfeed. Check the location of the paper misfeed, and remove the misfed paper.

⚠CAUTION

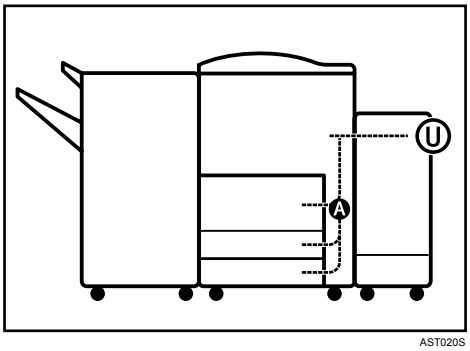
- The inside of the machine could be very hot. Do not touch any parts other than specified in this document when removing misfed paper. Otherwise, it may cause burn injury.
- The fusing section of this machine might be very hot. Caution should be taken when removing misfed paper.
- Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit. You can trap your fingers if you do not.

Important

- **Misfed paper may be covered in toner. Be careful not to get toner on your hands or clothes.**
- **Toner on prints made after removing misfed paper may be loose (inadequately fused). Make a few test prints until smudges no longer appear.**
- **Do not forcefully remove misfed paper, as it will tear. Torn pieces remaining inside the printer will cause further misfeeds and possibly damage the printer.**

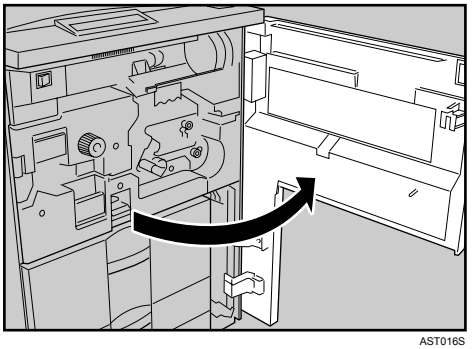
Remove Misfeed A, U: Internal

A paper jam has occurred in one of the paper trays or the large capacity tray (LCT. optional).

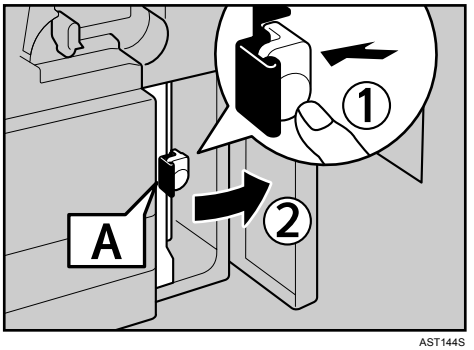


AST020S

1. **Open the front cover.**


AST016S

2. Push the button A and open the guide plate.

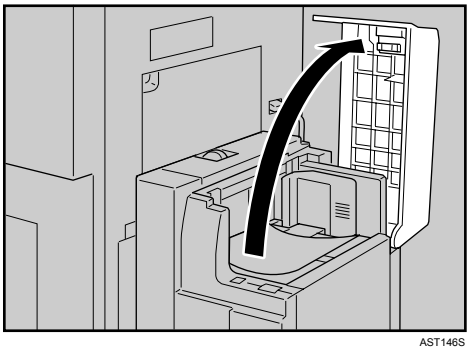


AST144S

3. Remove misfed paper.

AST145S

4. Close the guide plate, and then close the front cover.
5. Open the top cover.

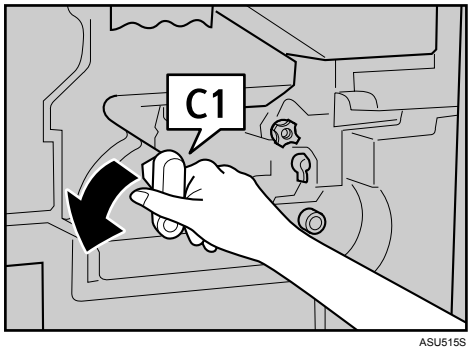


AST146S

6. **Remove misfed paper.**

AST147S

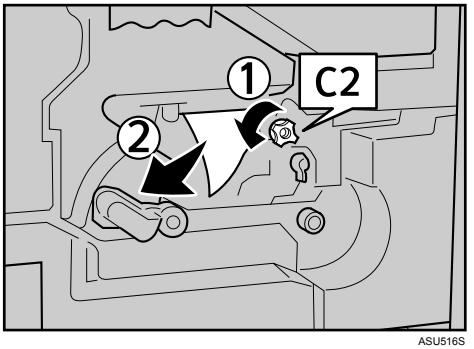
7. **Close the top cover.**
8. **If the error message persists, open the front cover.**
9. **Turn the lever C1 to the left.**



ASU515S

10. **Turn lever C2 counterclockwise and remove misfed paper.**

    After removing the paper, return the lever to its original position.



ASU516S

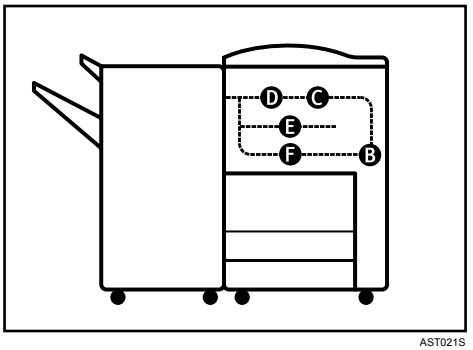
11. **Close the front cover.**

Note

- Jammed paper inside the LCT may be difficult to remove depending on the paper size set. Follow step 8 to remove it.

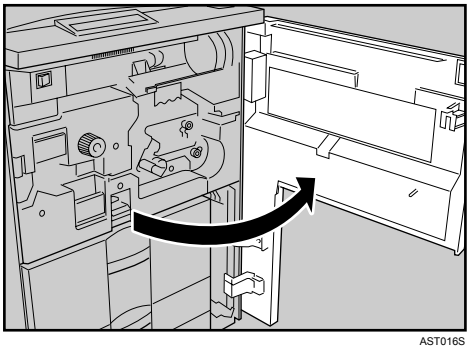
Remove Misfeed B-F: Internal

A paper jam has occurred inside the printer.

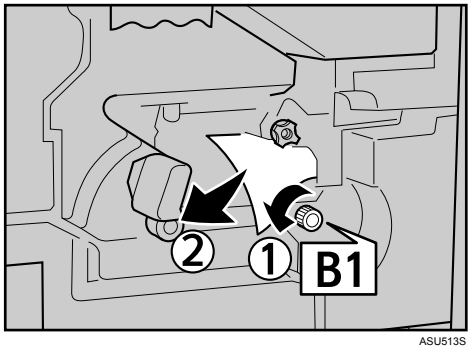


AST021S

1. **Open the front cover.**

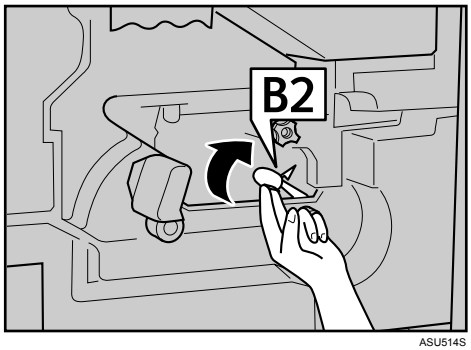

AST016S

2. **Turn knob B1 counterclockwise and remove misfed paper.**



ASU513S

3. **Return the lever B2 to its original position.**

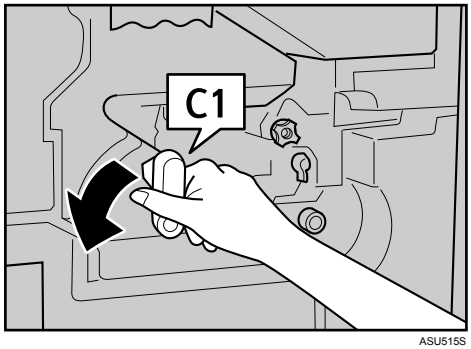


ASU514S

After removing the paper, return the lever to its original position.

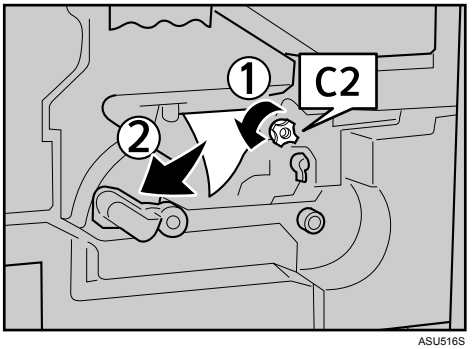
If you cannot remove the paper, proceed to the following step.

4. **Turn the lever C1 to the left.**



ASU515S

5. **Turn the lever C2 counterclockwise and remove misfed paper.**

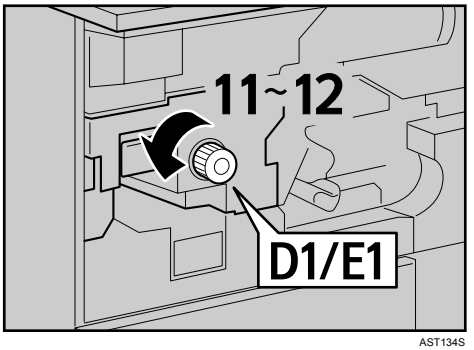


ASU516S

After removing the paper, return the lever to its original position.

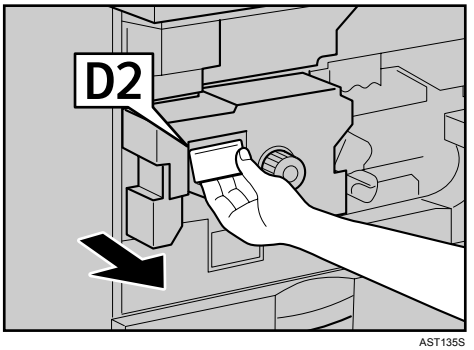
If you cannot remove the paper, proceed to the following step.

6. **Turn the fuser unit knob D1/E 11-12 times counterclockwise to eject the paper.**



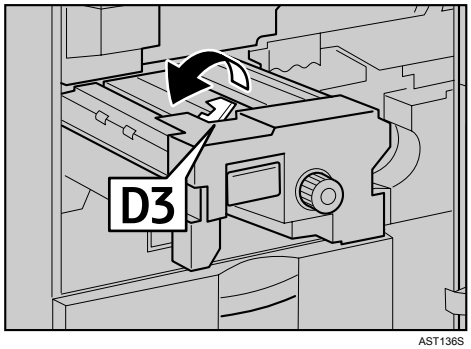
AST134S

7. **Pull the handle D2 and pull out the fuser unit.**



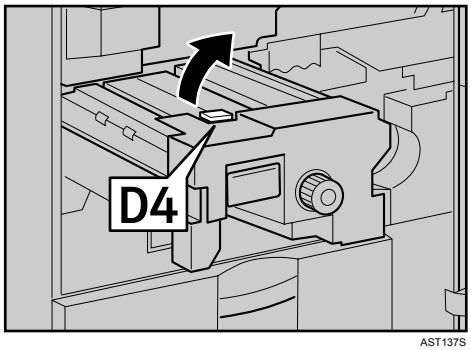
AST135S

8. **Raise the lever D3.**



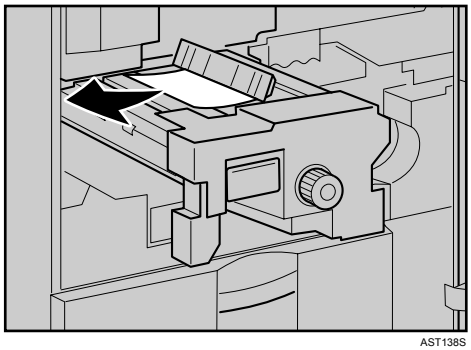
AST136S

9. **Raise the lever D4.**



AST137S

10. **Remove the paper being careful not to touch the area around the lever D4.**

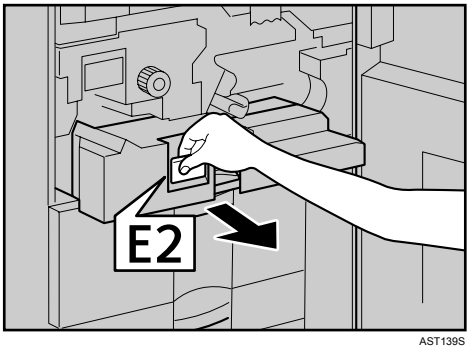


AST138S

After removing the paper, return the lever and the unit to their original positions.

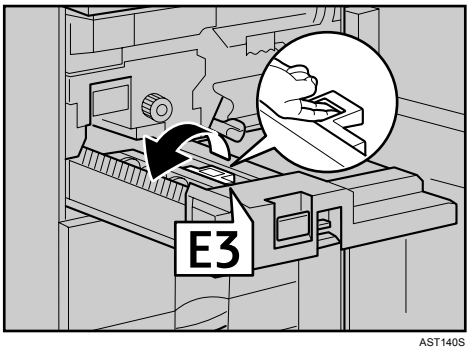
If you cannot remove the paper, proceed to the following step.

11. **Pull the handle E2 and fully pull out the duplex unit.**



AST139S

12. **Raise the lever E3.**



AST140S

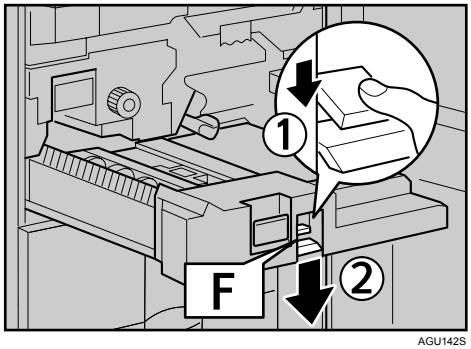
13. **Remove the paper being careful not to touch the area around the lever E3.**

AST141S

After removing the paper, return the lever and the unit to their original positions.

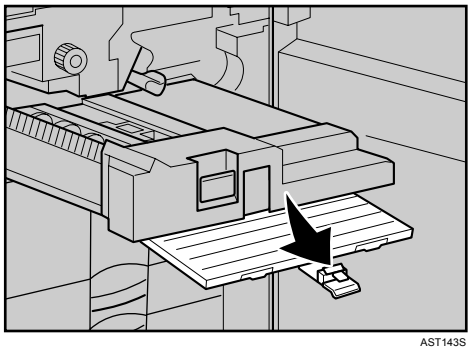
If you cannot remove the paper, proceed to the following step.

14. **Lower the lever F while pressing it.**



AGU142S

15. **Remove misfed paper.**

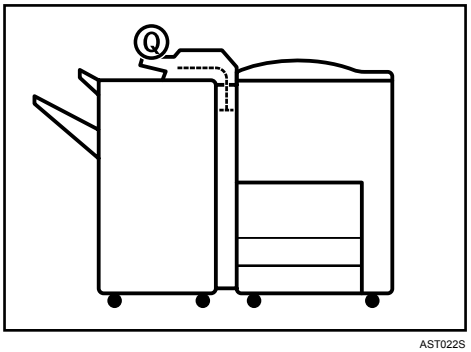


AST143S

16. **Return each unit and lever to their original positions, and then close the front cover of the machine.**

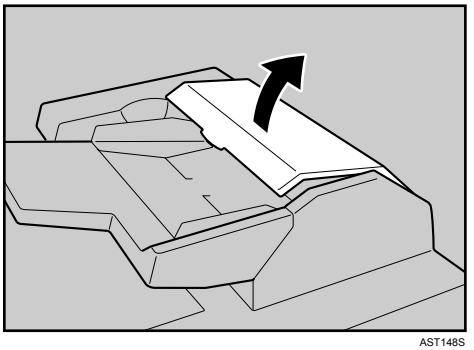
Remove Misfeed Q: Interposer

A paper jam has occurred in one of the paper trays or the large capacity tray (LCT, optional).



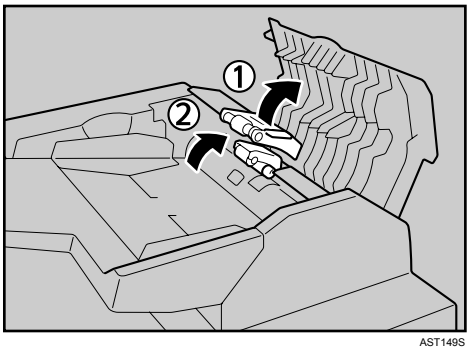
AST022S

1. **Open the interposer's upper cover.**



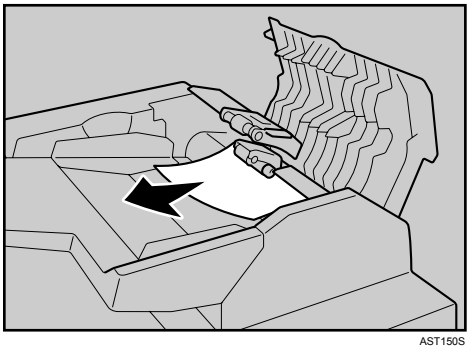
AST148S

2. Raise the feed roller.



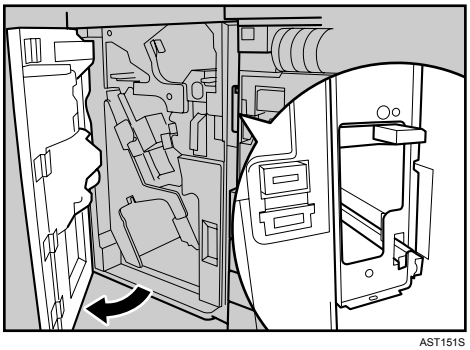
AST149S

3. Remove misfed paper.



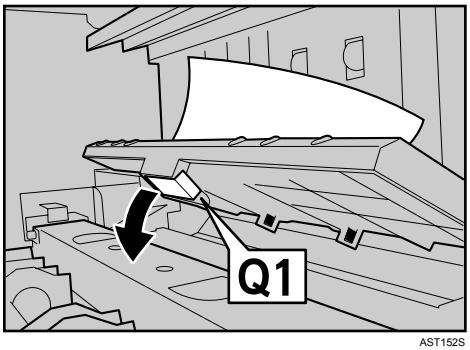
AST150S

4. Lower the feed roller, and then close the interposer's upper cover.
5. If the error message persists, open the finisher's front cover.



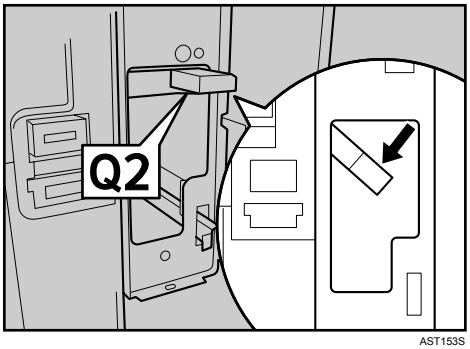
AST151S

6. Lower the lever Q1, and then remove misfed paper.



AST152S

7. If you cannot remove the paper, lower the Q2 lever, and then remove misfed paper.



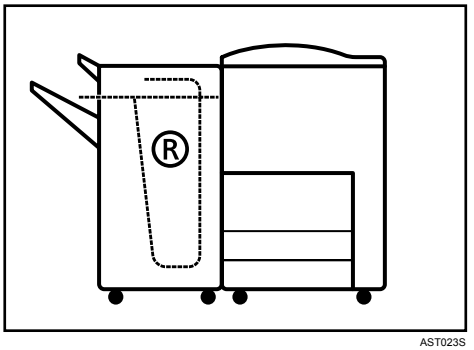
AST153S

8. Raise the lever Q1, and then close the finisher's front cover.

Remove Misfeed R: Finisher

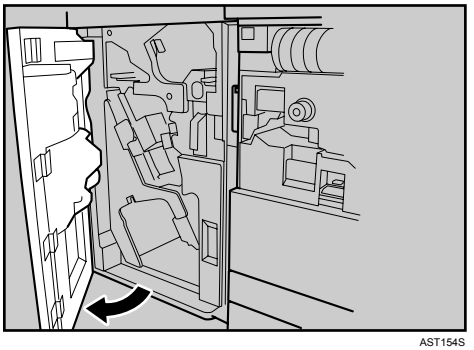
A paper jam has occurred in the finisher.

Finisher SR841



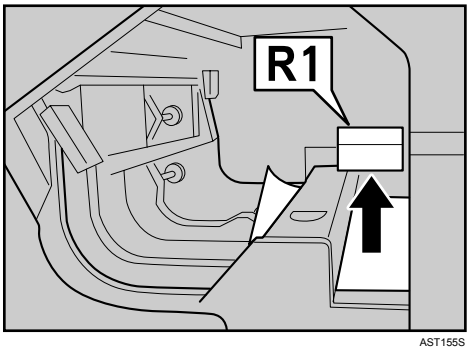
AST023S

1. **Open the finisher's front cover.**



AST154S

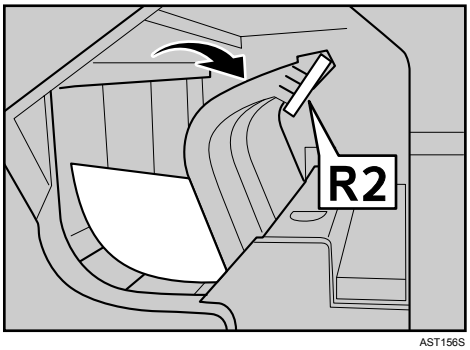
2. **Raise the lever R1, and remove misfed paper.**



AST155S

After removing the paper, return the lever to its original position.

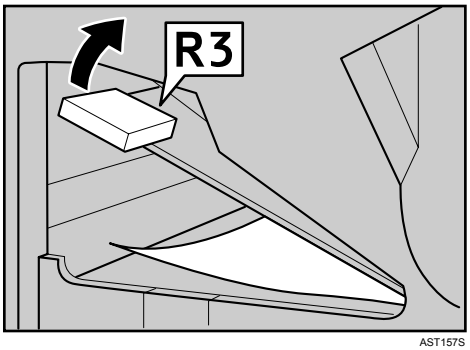
3. **If you cannot remove the paper, raise the lever R2, and then remove misfed paper.**



AST156S

After removing the paper, return the lever to its original position.

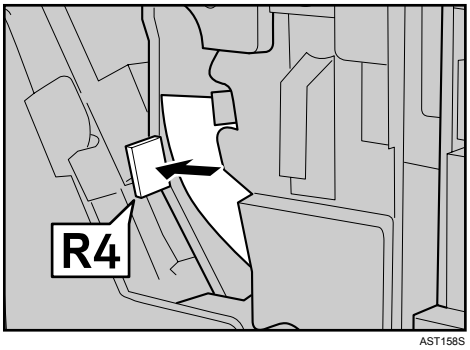
4. **If you cannot remove the paper, raise the lever R3, and then remove misfed paper.**



AST157S

After removing the paper, return the lever to its original position.

5. **If you cannot remove the paper, lower the lever R4, and then remove misfed paper.**



AST158S

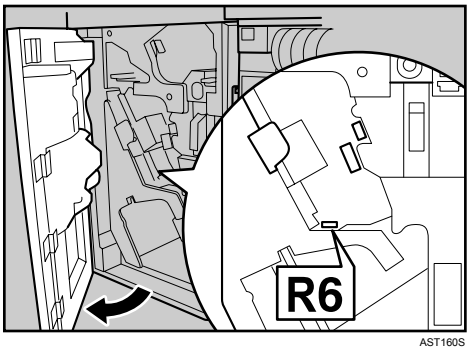
After removing the paper, return the lever to its original position.

6. **If you cannot remove the paper, lower the lever R5, and then remove misfed paper.**

AST159S

After removing the paper, return the lever to its original position.

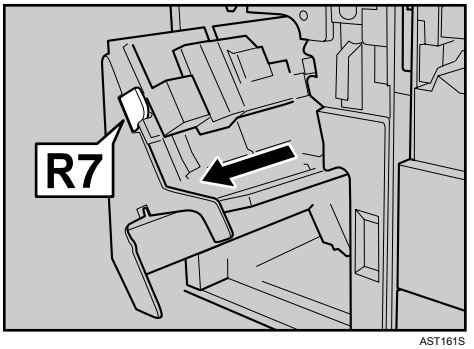
7. **If you cannot remove the paper, raise the lever R6, and then remove misfed paper.**



AST160S

After removing the paper, return the lever to its original position.

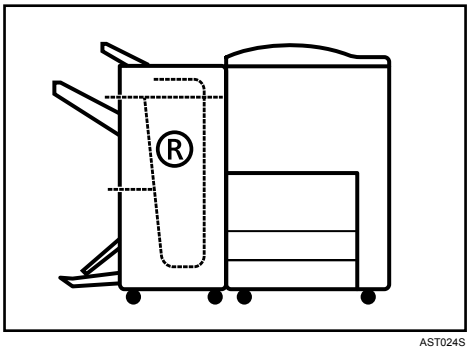
8. **If you cannot remove the paper, pull the handle R7 and pull out the staple unit, and then remove misfed paper.**



AST161S

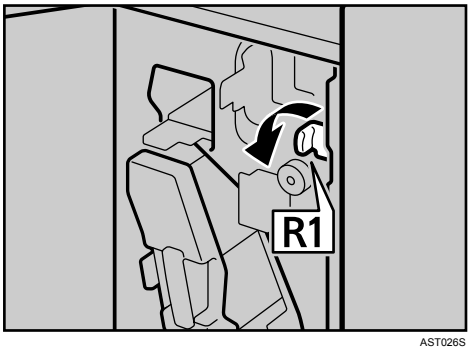
9. **Return each unit and lever to their original positions, and then close the front cover of the machine**

Finisher SR4000



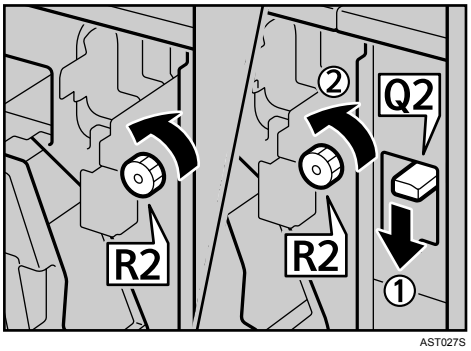
AST024S

1. Open the finisher's front cover.
2. Turn the blue lever R1 counterclockwise.



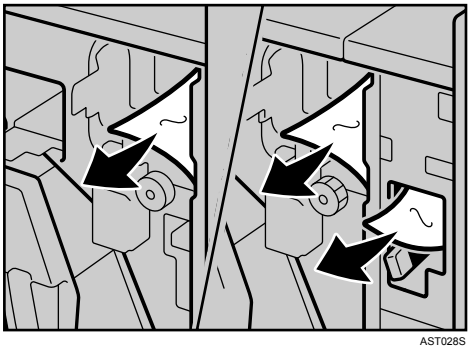
AST026S

3. Turn the blue knob R2 counterclockwise. When the optional interposer is installed, lower lever Q2, and then turn the knob R2 counterclockwise.



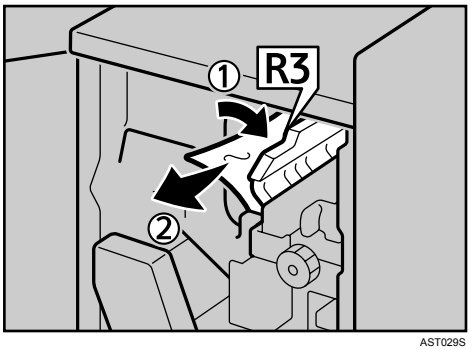
AST027S

4. Remove misfed paper.


AST028S

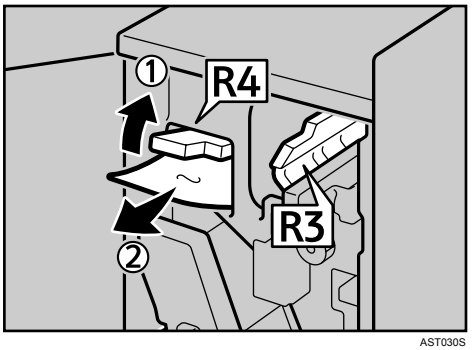
After removing the paper, return the lever to its original position.

5. **If you cannot remove the paper, raise the lever R3, and then remove misfed paper.**



AST029S

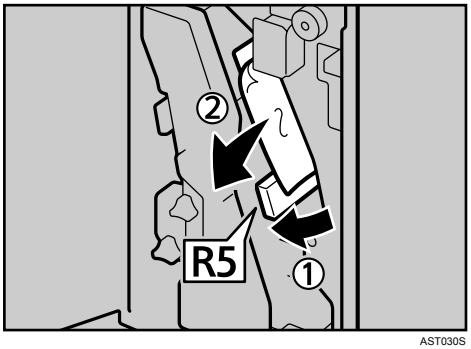
6. **Raise the lever R4, and then remove misfed paper.**



AST030S

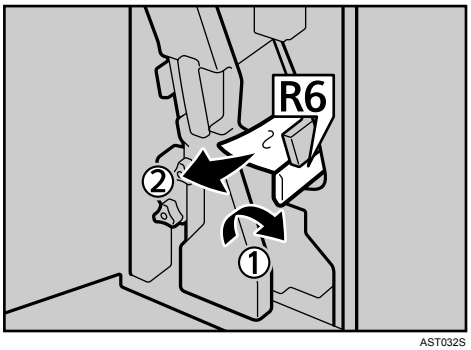
After removing the paper, return the lever to its original position.

7. **If you cannot remove the paper, open the lever R5, and then remove misfed paper.**



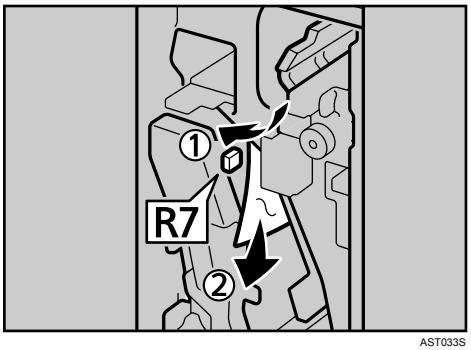
After removing the paper, return the lever to its original position.

8. **If you cannot remove the paper, lower the lever R6, and then remove misfed paper.**



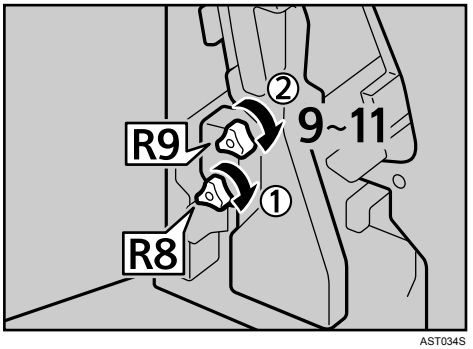
After removing the paper, return the lever to its original position.

9. **If you cannot remove the paper, raise lever R3 and R7, and then remove misfed paper.**



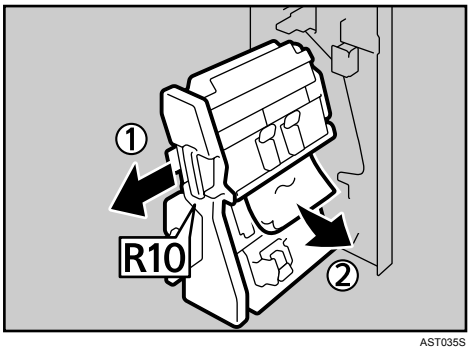
After removing the paper, return the lever to its original position.

10. **If you cannot remove the paper, turn lower knob R8 clockwise, and turn upper knob R9 9-11 times clockwise.**



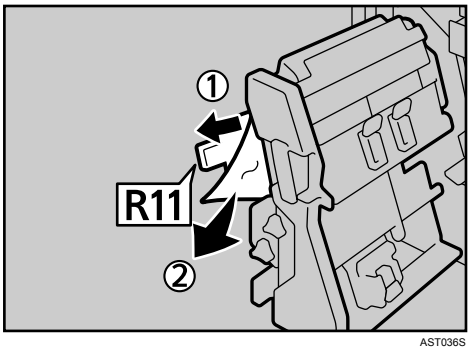
AST034S

11. **Pull the lever R10 and pull out the staple unit, and then remove misfed paper.**



AST035S

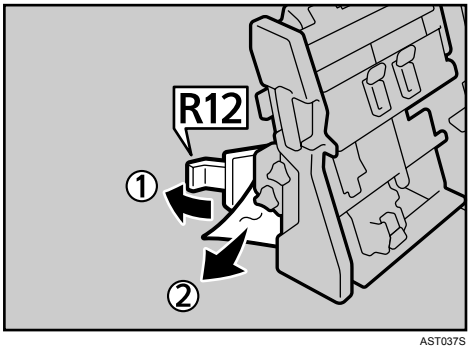
12. **If you cannot remove the paper, open the lever R11, and then remove misfed paper.**



AST036S

After removing the paper, return the lever to its original position.

13. **If you cannot remove the paper, open the lever R11, and then remove misfed paper.**



After removing the paper, return the lever to its original position.

Return the staple unit to its original position.

14. **Close the finisher's front cover.**

11. Appendix

Moving and Transporting the Printer

When you move and transport your machine, contact the store where it was purchased or where service is provided.

Disposal

To dispose of the machine, contact the store where it was purchased or where service is provided.

Consumables

To purchase the following consumables, contact your sales or service representative.

Toner bottles

	Number of pages per bottle
Toner bottle	43,000

Note

- Toner bottles may need to be changed sooner than indicated above due to deterioration over the period of use.
- Once the replacement period is over, printing can no longer be performed. We recommend purchasing early, or keeping some in stock.
- The actual number of printed pages from a particular toner bottle depends on the type and size of paper you are using, contents of print images, and printing environment. All this mean that a toner bottle might require replacement before 1,000 pages have been printed.
- Toner bottles (a consumable) are not covered by warranty. However, in the event of defects or other problems, contact the store where they were purchased.

Specification

Mainframe

Configuration:

Console

Print Process:

Laser beam scanning & electrophotographic printing

Dual component toner development

First Print Speed:

5.5 sec. or less (A4, $8^1/_2 \times 11$)

Printing Speed:

Maximum 75 pages per minute (A4, $8^1/_2 \times 11$)

Note

- Continuous printing on sheets with a width of 230 mm or smaller may reduce print speed depending on the temperature control of the fusing unit.

Interface:

Standard:

- Ethernet (10/100 Base - TX)
- USB2.0

  It requires a USB computer port and cable that support USB 2.0.

Optional:

- IEEE 802.11b (Wireless LAN)
- Parallel (Bidirectional IEEE1284)
- Gigabit Ethernet (1000Base-T)

Resolution:

1,200 × 1,200 dpi (PCL 6, RPCS, PostScript 3, PDF)

600 × 600 dpi (PCL 6, PCL 5e, RPCS, PostScript 3, PDF)

300 × 300 dpi (PCL 5e, PDF)

Printer Language:

PCL 6, PCL 5e, RPCS, PostScript 3, PDF

Fonts:

PCL 6, PCL 5e

Monotype Imaging 35 Intellifonts, 10 TrueType fonts, and 1 bitmap font

PostScript 3:

136 fonts (Type 2:24, Type 14:112)

Paper Size

See p.57 "Paper and Other Media Supported by This Printer".

Paper Weight:

52.3 - 216 g/m^2 (45 - 180 kg, 14 - 57 lb.)

There are types of paper between 128 - 216 g/m^2 in weight that are not supported.

Media Type:

See p.57 "Paper and Other Media Supported by This Printer".

Power Source:

220-240V

220 - 240 V, 50 / 60 Hz, 10 A

120V

120 V, 60 Hz, 20 A

Power Consumption:

Maximum	1.85 KW or less
Printing	1.50 KW or less
Energy Saver	30 W

Noise Emission:

During Printing: less than 71 dB

Standby: less than 51 dB

Dimensions:

690 × 760 × 1005 mm/27.6" × 30.4" × 40.2" (without finisher and call-light installed)

690 × 760 × 1466 mm/27.6" × 30.4" × 58.6" (without finisher)

Weight:

Less than 188 kg (without toner)

Warm-up Time:

Less than 300 seconds (23 °C, 73 F)

Paper Capacity:

Tandem paper tray	1550 sheets × 2 (80 g/m^2, 20 lb.)

Standard paper tray	550 sheets × 2 (80 g/m^2, 20 lb.)

Paper weight: 60 - 105 g/m^2 (16 - 28 lb.)

Memory:

256 MB

Hard Disk Drive :

80 GB

Network :

Topology: Ethernet (10BaseT/100BaseTX)

Protocol: TCP/IP, SMB, IPX/SPX, AppleTalk

Options

Finisher SR841 (100-Sheet Staples)

[Finisher Upper Tray]

Paper size:

A3, B4 JIS, A4, B5 JIS, A5, B6 JIS, A6, 11 × 17, 8$^1/_2$ × 14, 8$^1/_2$ × 11, 5$^1/_2$ × 8$^1/_2$, 12 × 18, 7$^1/_4$ × 10$^1/_2$, 8 × 13, 8$^1/_2$ × 13, 8$^1/_4$ × 13, 8$^1/_4$ × 14

Paper weight:

52 - 216 g/m^2, 14 - 58 lb.

Stack capacity:

500 sheets (A4, B5 JIS, A5, B6 JIS A6, 8$^1/_2$ × 11 , 5$^1/_2$ × 8$^1/_2$) (80 g/m^2, 20 lb.)

250 sheets (A3, B4 JIS, 11 × 17 , 8$^1/_2$ × 14 , 12 × 18) (80 g/m^2, 20 lb.)

[Finisher Shift Tray]

Paper size:

A3, B4 JIS, A4, B5 JIS, A5, 11 × 17 , 8$^1/_2$ × 14 , 8$^1/_2$ × 11 , 5$^1/_2$ × 8$^1/_2$, 12 × 18 , 7$^1/_4$ × 10$^1/_2$, 8 × 13, 8$^1/_2$ × 13, 8$^1/_4$ ×13, 8$^1/_4$ × 14

Paper weight:

52 - 216 g/m^2, 14 - 58 lb.

Stack capacity:

- 3,000 sheets (A4, B5 JIS, 8$^1/_2$ × 11) (80 g/m^2, 20 lb.)

- 1,500 sheets (A3, B4 JIS, A4, B5 JIS, 11 × 17 , 8 1/2 × 14 , 8 1/2 × 11 , 12 × 18) (80 g/m2, 20 lb.)
- 500 sheets (A5, 5 1/2 × 8 1/2) (80 g/m2, 20 lb.)
- 100 sheets (A5, 5 1/2 × 8 1/2) (80 g/m2, 20 lb.)

Staple paper size:

A3, B4 JIS, A4, B5 JIS, 11 × 17 ,8 1/2 × 14 , 8 1/2 × 11

Staple paper weight:

64 - 80 g/m2, 17 - 20 lb.

Staple capacity:

- 100 sheets (A4, B5 JIS, 8 1/2 × 11) (80 g/m2, 20 lb.)
- 50 sheets (A3, B4 JIS, 11 × 17, 8 1/2 × 14) (80 g/m2, 20 lb.)

Stack capacity after stapling

- 200-30 sets (10-100 sheets) (A4, B5 JIS, 8 1/2 × 11) (80 g/m2, 20 lb.)
- 150 sets (2-9 sheets) (A4, B5 JIS, 8 1/2 × 11) (80 g/m2, 20 lb.)
- 150-30 sets (10-50 sheets) (A3, B4 JIS, 11 × 17 8 1/2 × 14) (80 g/m2, 20 lb.)
- 150 sets (2-9 sheets) (A3, B4 JIS, 11 × 17, 8 1/2 × 14) (80 g/m2, 20 lb.)

Staple position:

4 position (Top, Top Slant, Bottom, 2 Staples)

Power consumption:

Approx. 100 W (power supplied from main unit)

Dimensions (W × D × H):

800 × 730 × 980 mm, 31.5 × 28.7 × 38.6

Weight:

Approx. 65 kg, 143.3 lb.

Finisher SR4000

[Finisher Upper Tray]

Paper sizes:

A3, B4 JIS, A4, B5 JIS, A5, B6 JIS, A6, 11 × 17 , 8 1/2 × 14 , 8 1/2 × 11 , 5 1/2 × 8 1/2 , 12 × 18 , 7 1/4 10 1/2, 8 × 13, 8 1/2 × 13, 8 1/4 × 13, 8 1/4 × 14

Paper weight:

52 - 163 g/m2, 14 - 43 lb.

Stack capacity:

- 250 sheets (A4, B5 JIS, A5, B6 JIS, 8 1/2 × 11 , 5 1/2 × 8 1/2) (80 g/m², 20 lb.)
- 50 sheets (A3, B4 JIS, 11 × 17 , 8 1/2 × 14 , 12 × 18) (80 g/m², 20 lb.)

[Finisher Shift Tray 1]

Paper sizes:

A3, B4 JIS, A4, B5 JIS, A5, B6 JIS, A6, 11 × 17 , 8 1/2 × 14 , 8 1/2 × 11 , 5 1/2 × 8 1/ , 12 × 18 , 7 1/4 × 10 1/2, 8 × 13, 8 1/2 × 13, 8 1/4 × 13, 8 1/4 14

Paper weight:

52 - 216 g/m², 14 - 58 lb.

Stack capacity:

- 500 sheets (A4, B5 JIS, A5, 8 1/2 × 11) (80 g/m², 20 lb.)
- 250 sheets (A3, B4 JIS, 11 × 17 , 8 1/2 × 14 , 12 × 18) (80 g/m², 20 lb.)
- 100 sheets (A5, B6 JIS, 5 1/2 × 8 1/2) (80 g/m², 20 lb.)

Staple paper size:

A3, B4 JIS, A4, B5 JIS, 11 × 17 , 8 1/2 × 14 , 8 1/2 × 11 , 7 1/4 × 10 1/2, 8 × 13, 8 1/2 × 13, 8 1/4 × 13, 8 1/4 × 14

Staple paper weight:

64 - 90 g/m², 17 - 28 lb.

Staple capacity:

Non-mixed sizes:

- 50 sheets (A4, B5 JIS, 8 1/2 × 11) (80 g/m², 20 lb.)
- 30 sheets (A3, B4 JIS, 11 × 17, 8 1/2 × 14) (80 g/m², 20 lb.)

With mixed sizes:

- 30 sheets (A4/A3, B5 JIS/B4 JIS, 8 1/2 × 11 /11 × 17) (80 g/m², 20 lb.)

Stack capacity after stapling

Non-mixed sizes:

- 50-10 sets (10-50 sheets) (A4, 81/2 × 11) (80 g/m², 20 lb.)
- 50 sets (2-9 sheets) (A4, 8 1/2 × 11) (80 g/m², 20 lb.)
- 25-16 sets (10 - 30 sheets) (other paper size) (80 g/m², 20 lb.)
- 25 sets (2 - 9 sheets) (other paper size) (80 g/m², 20 lb.)

With mixed sizes:

- 16 sets (2 - 30 sheets) (A4/A3, B5 JIS/B4 JIS, 8 1/2 × 11 /11 × 17) (80 g/m², 20 lb.)

Staple position:

4 position (Top, Top Slant, Bottom, 2 Staples)

[Finisher Shift Tray 2]

Paper size:

A3, B4 JIS, A4, B5 JIS, A5, B6 JIS, A6, 11 × 17 , $8^1/_2$ × 14 , $8^1/_2$ × 11 , $5^1/_2$ × $8^1/_2$, 12 × 18 , $7^1/_4$ × $10^1/_2$, 8 × 13, $8^1/_2$ × 13, $8^1/_4$ × 13, $8^1/_4$ × 14

Paper weight:

52 - 216 g/m^2 14 - 58 lb.

Stack capacity:

- 2,500 sheets (A4, $8^1/_2$ × 11) (80 g/m^2, 20 lb.)
- 1,250 sheets (A3, B4 JIS, A4, B5 JIS, 11 × 17 , $8^1/_2$ × 14 , $8^1/_2$ × 11 , 12 × 18) (80 g/m^2, 20 lb.)
- 500 sheets (A5) (80 g/m^2, 20 lb.)
- 100 sheets (A5, B6 JIS or $5^1/_2$ × $8^1/_2$) (80 g/m^2, 20 lb.)

Staple paper size:

A3, B4 JIS, A4, B5 JIS, 11 × 17 , 81/2 × 14 , $8^1/_2$ × 11 , $7^1/_4$ × $10^1/_2$, 8 × 13, $8^1/_2$ × 13, $8^1/_4$ × 13, $8^1/_4$ × 14

Staple paper weight:

64 - 90 g/m^2, 17 - 28 lb.

Staple capacity:

Non-mixed sizes:

- 50 sheets (A4, B5 JIS, $8^1/_2$ × 11) (80 g/m^2, 20 lb.)
- 30 sheets (A3, B4 JIS, 11 × 17, $8^1/_2$ × 14) (80 g/m^2, 20 lb.)

With mixed sizes:

- 30 sheets (A4/A3, B5 JIS/B4 JIS, $8^1/_2$ × 11 /11 × 17) (80 g/m^2, 20 lb.)
- 50 sheets (A4, B5 JIS, A5, B6 JIS, $8^1/_2$ × 11 , $5^1/_2$ × $8^1/_2$) (80 g/m^2, 20 lb.)
- 30 sheets (A3, B4 JIS, 11 × 17 , 81/2 × 14 , 12 × 18) (80 g/m^2, 20 lb.)

Stack capacity after stapling

Non-mixed sizes:

- 250-50 sets (10 - 50 sheets) (A4, $8^1/_2$ × 11)(80 g/m^2, 20 lb.)
- 250 sets (2 - 9 sheets) (A4, $8^1/_2$ × 11) (80 g/m^2, 20 lb.)
- 125 - 25 sets (10 - 50 sheets) (A4, B5 JIS, $8^1/_2$ × 11)(80 g/m^2, 20 lb.)

- 125 sets (2 - 9 sheets) (A4, B5 JIS, 81/2 × 11)(80 g/m^2, 20 lb.)
- 125 - 40 sets (10 - 30 sheets) (other paper size)(80 g/m^2, 20 lb.)
- 125 sets (2 - 9 sheets) (other paper size) (80 g/m^2, 20 lb.)

With mixed sizes:

- 50 sets (2 - 30 sheets) (A4/A3, B5 JIS/B4 JIS, 8^1/$_2$ × 11 /11 × 17) (80 g/m^2, 20 lb.)

Staple position:

4 position (Top, Top Slant, Bottom, 2 Staples)

Saddle stitch paper sizes:

A3, B4 JIS, A4, 11 × 17 , 8^1/$_2$ × 11

Saddle stitch paper weight:

64 - 90 g/m^2 17 - 28 lb.

Saddle stitch capacity:

1 set (15 sheets)

Stack capacity after Saddle stitching

- 25 sets (2 - 5 sheets) (A4, 8^1/$_2$ × 11) (80 g/m^2, 20 lb.)
- 15 sets (6 - 10 sheets) (A4, 81/2 × 11 (80 g/m^2, 20 lb.)
- 10 sets (11 - 15 sheets) (A4, 8^1/$_2$ × 11) (80 g/m^2, 20 lb.)
- 30 sets (2 - 5 sheets) (other paper size) (80 g/m^2, 20 lb.)
- 20 sets (6 - 10 sheets) (other paper size) (80 g/m^2, 20 lb.)
- 10 sets (11 - 15 sheets) (other paper size) (80 g/m^2, 20 lb.)

Saddle stitch position:

Centre 2 position

Power consumption:

Approx. 72 W (power supplied from main unit)

Dimensions (W× D × H):

700 × 620 × 960 mm, 27.6 × 24.5 × 37.8

Weight:

Approx. 65.3 kg, 144 lb.

Punch Unit (Finisher SR4000)

Paper size:

2 & 4 holes type

2 holes	A3 - A5, 11 × 17 - $5^1/_2 \times 8^1/_2$
2 holes	A4 - A5, $8^1/_2 \times 11$, $5^1/_2 \times 8^1/_2$
4 holes	A3, B4 JIS, 11 × 17
4 holes	A4, B5 JIS, $8^1/_2 \times 11$

4 holes type

4 holes	A3 - A5, 11 × 17 - $5^1/_2 \times 8^1/_2$
4 holes	A4-A5, $8^1/_2 \times 11$, $5^1/_2 \times 8^1/_2$

2 & 3 holes type

2 holes	A3 - A5, 11 × 17 - $5^1/_2 \times 8^1/_2$
2 holes	A4 - A5, $8^1/_2 \times 11$, $5^1/_2 \times 8^1/_2$
3 holes	A3, B4 JIS, 11 × 17
3 holes	A4, B5 JIS, $8^1/_2 \times 11$

Paper weight:

52 - 163 g/m^2, 14 lb. - 43 lb.

Power consumption:

26.4 W (power supplied from main unit.)

Dimensions (W × D × H):

142 × 456 × 92 mm, 55.9 × 179.5 × 36.2

Weight:

Approx. 2.9 kg, 6.4 lb

Punch Unit (Finisher SR841)

Paper size:

2 & 4 holes type

2 holes	A3 - A5, 11 × 17 - $5^1/_2 \times 8^1/_2$
2 holes	A4 - A5, $8^1/_2 \times 11$, $5^1/_2 \times 8^1/_2$
4 holes	A3, 11 × 17

4 holes	A4, $8^1/_2 \times 11$

4 holes type(for Northern Europe)

4 holes	A3 - B5 JIS, 11 × 17 - $7^1/_4 \times 10^1/_2$
4 holes	A4 - A5, $8^1/_2 \times 11$, $5^1/_2 \times 8^1/_2$

4 holes type (for Europe)

4 holes	A3, B4 JIS, 11 × 17
4 holes	A4, B5 JIS, $11 \times 8^1/_2$

2 & 3 holes type

2 holes	A3 - A5, 11 × 17 - $5^1/_2 \times 81/2$
2 holes	A4 - A5, $8^1/_2 \times 11$, $5^1/_2 \times 8^1/_2$
3 holes	A3, B4 JIS, 11 × 17
3 holes	A4, B5 JIS, $8^1/_2 \times 11$

Paper weight:

4 holes: 52 - 128 g/m^2, 14 lb. - 34 lb.

2 & 3 holes: 52 - 163 g/m^2, 14 lb. - 43 lb.

Power consumption:

60 W (power supplied from main unit)

Dimensions (W × D × H):

- 4 holes: 92 × 463 × 100 mm, 3.6 × 18.2 × 3.9 inch
- 2 & 3 holes, 2 & 4 holes: 105 × 463 × 100 mm, 4.1 × 18.2 × 3.9 inch

Weight:

- 4 holes: Approx. 2.4 kg, 5.3 lb
- 2 & 3 holes, 2 & 4 holes: Approx. 2.6 kg, 5.7 lb

Large Capacity Tray RT43

Paper sizes:

A4, B5 JIS, $8^1/_2 \times 11$, B4 JIS (optional), A4 (optional), $8^1/_2 \times 14$ (optional), $8^1/_2 \times 11$ (optional)

Paper weight:

52 - 128 g/m^2, 14 - 34 lb.

There are types of paper between 128 - 216 g/m^2 in weight that are not supported.

Paper capacity:

4,000 sheets (80 g/m^2, 20 lb.)

Power consumption

Maximum. 50 W (power supplied from main unit)

Dimensions (W × D × H, optional unit):

314 × 458 × 659 mm, 12.4 × 18 × 25.9 inch

Weight:

Approx. 20 kg, 44 lb.

Cover Interposer Type 3260

Paper size:

A3, A4, B5 JIS, 11 × 17 , 8$^1/_2$ × 14 , 8$^1/_2$ × 11 , 5$^1/_2$ × 8$^1/_2$, 7$^1/_4$ × 10$^1/_2$

Paper weight:

64 - 216 g/m^2, 20 - 58 lb.

Paper Capacity:

200 sheets (80 g/m^2, 20 lb.)

Power consumption (Max):

Approx. 48 W (power supplied from main unit)

Dimensions (W × D × H):

500 ×620 × 200 mm, 19.7 × 24.4 × 7.9 inch

Weight:

Approx. 12 kg, 26.5 lb.

IEEE 802.11b Interface Unit Type H

220-240V

Transmission Spec.:

Based on IEEE 802.11b (Wireless LAN)

Protocol:

IPv4, IPv6, IPX/SPX, AppleTalk

Note

- SmartDeviceMonitor and Web Image Monitor are supported.

Data Transfer Speed:

Auto select from below speed

1 Mbps, 2 Mbps, 5.5 Mbps, 11 Mbps

Auto select from below speed

1 Mbps, 2 Mbps, 5.5 Mbps, 11 Mbps

Frequency Range:

Metric version:

2412 - 2472 MHz (1 - 13 channels)

Transmittable Distance:

1 Mbps 400 m

2 Mbps 270 m

5.5 Mbps 200 m

11 Mbps 140 m

These figures are a guideline for outdoor use. In general, the transmittable distance indoors is 10 - 100 m, depending on the environment.

Transmission Mode:

ad hoc mode and infrastructure mode

IEEE 802.11b Interface Unit Type I

120V

Transmission Spec.:

Based on IEEE 802.11b (Wireless LAN)

Protocol:

IPv4, IPv6, IPX/SPX, AppleTalk

Note

- SmartDeviceMonitor and Web Image Monitor are supported.

Data Transfer Speed:

Auto select from below speed

1 Mbps, 2 Mbps, 5.5 Mbps, 11 Mbps

Frequency Range:

Inch version:

2412-2462 MHz (1-11 channels)

Transmittable Distance:

1 Mbps 400 m

2 Mbps 270 m

5.5 Mbps 200 m

11 Mbps 140 m

These figures are a guideline for outdoor use. In general, the transmittable distance indoors is 10 - 100 m, depending on the environment.

Transmission Mode:

ad hoc mode and infrastructure mode

IEEE 1284 Interface Board Type A

Transmission Spec.:

IEEE 1284

Required cable:

Standard IEEE 1284 compliant Micro Centronics 36 pin cable

Gigabit Ethernet Board Type A

Interface Connector:

Ethernet (10Base - T, 100Base - TX, 1000Base - T)

USB 2.0

It requires a USB computer port and cable that support USB 2.0.

Data Transmission Speed:

- Ethernet: 1000 Mbps, 100 Mbps, 10 Mbps
- USB: 480 Mbps (High speed: USB 2.0), 12 Mbps (Full speed)

Protocol:

TCP / IP, IPX / SPX, AppleTalk

Distance Between Devices:

Ethernet: 100 m

USB: 5 m

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MEMO

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MLP175n/
P7675/
LP275hdn/
Aficio SP 9100DN

Operating Instructions

Hardware Guide

Model No.
MLP175n/P7675/LP275hdn/Aficio SP 9100DN
EN (USA) G148-7202